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Hamada, T. et al

Investigation of the Sintering Process by Mathematical Simulation.
TETSU TO HAGANE, 1972, Vol. 58, No. 12, pp.1567 1578.
BISI 10927

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Transverse Rupture Strength of High-Speed Tool Steel Forged From Powders, by Y. Kudoh and K. Masuda.
TETSU TO HAGANÉ, Vol 58, 1972, No 12, pp 1646-1652.
HB-8934

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Fukuda, M.

Controlled Rolling of Low Carbon Killed Steel.
TETSU-TO-HAGANE, 1972, Vol. 58, No. 13, p 1832
BISI 11499

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Matsubara, H. et al

Investigmation of Metallurgical Factors in the Controlled Rolling of High Strength Steel Plate Having High Toughness.
TETSU-TO-HAGANE, 1972, Vol.58, No.13, Pp.1848.
*BISI 11501

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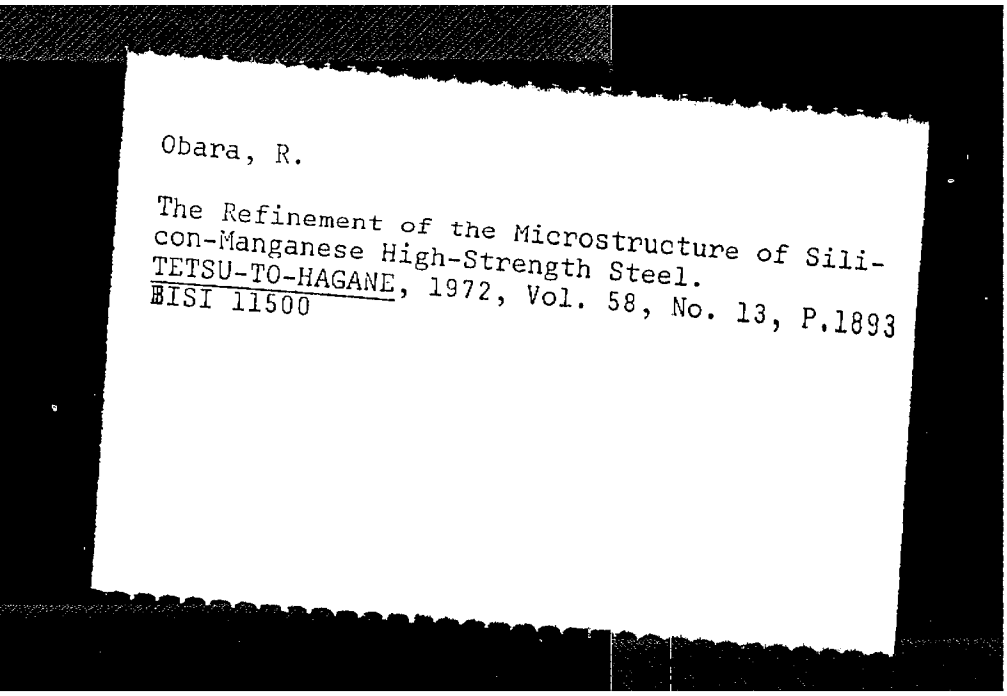

Obara, R.

The Refinement of the Microstructure of Silicon-Manganese High-Strength Steel.
TETSU-TO-HAGANE, 1972, Vol. 58, No. 13, P.1893
BISI 11500

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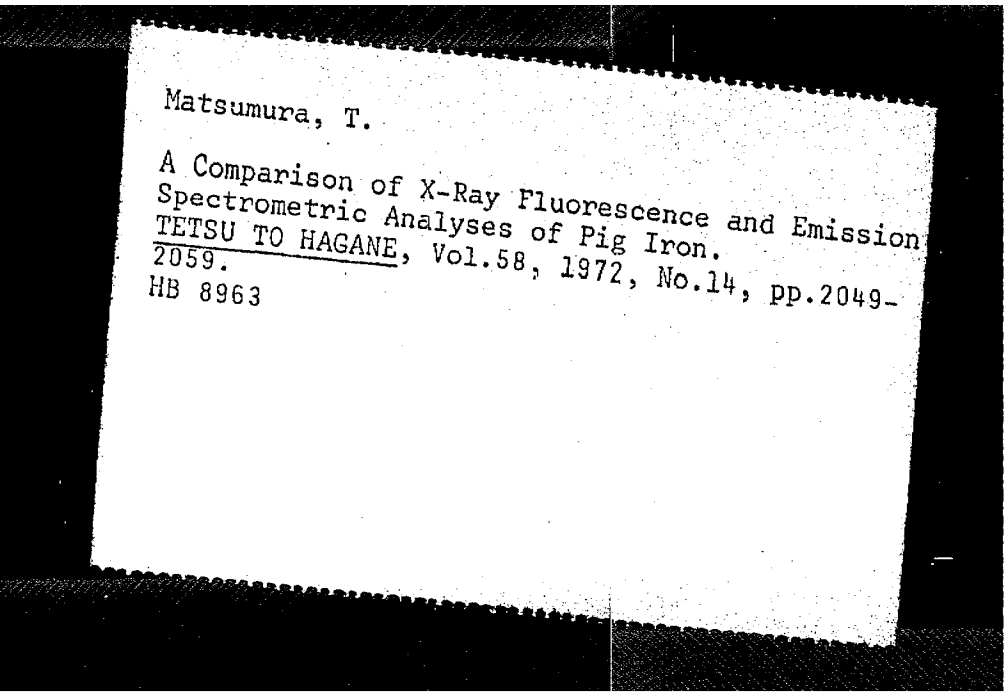

Matsumura, T.

A Comparison of X-Ray Fluorescence and Emission Spectrometric Analyses of Pig Iron.
TETSU TO HAGANE, Vol.58, 1972, No.14, pp.2049-2059.
HB 8963

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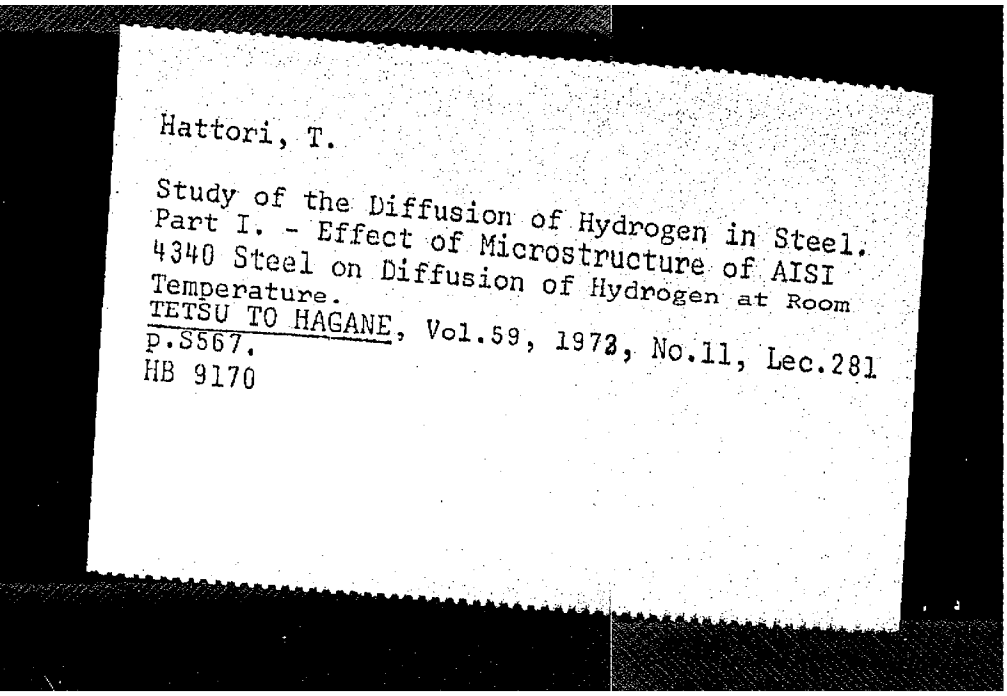

Hattori, T.

Study of the Diffusion of Hydrogen in Steel. Part I. - Effect of Microstructure of AISI 4340 Steel on Diffusion of Hydrogen at Room Temperature.
TETSU TO HAGANE, Vol.59, 1973, No.11, Lec.281
p.S567.
HB 9170

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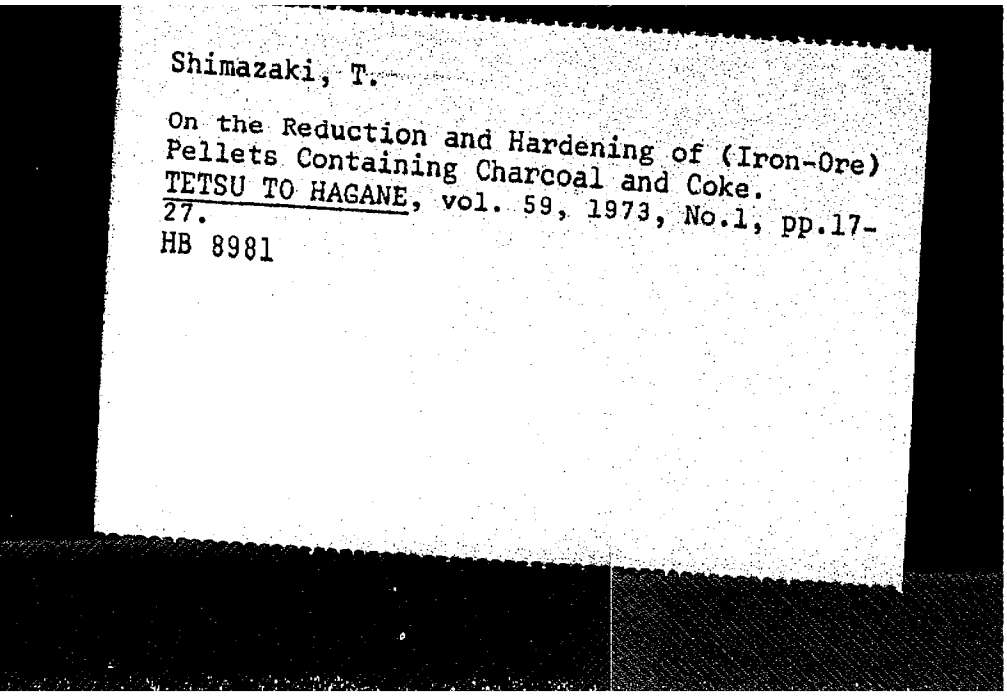

Shimazaki, T.

On the Reduction and Hardening of (Iron-Ore) Pellets Containing Charcoal and Coke.
TETSU TO HAGANE, vol. 59, 1973, No.1, pp.17-27.
HB 8981

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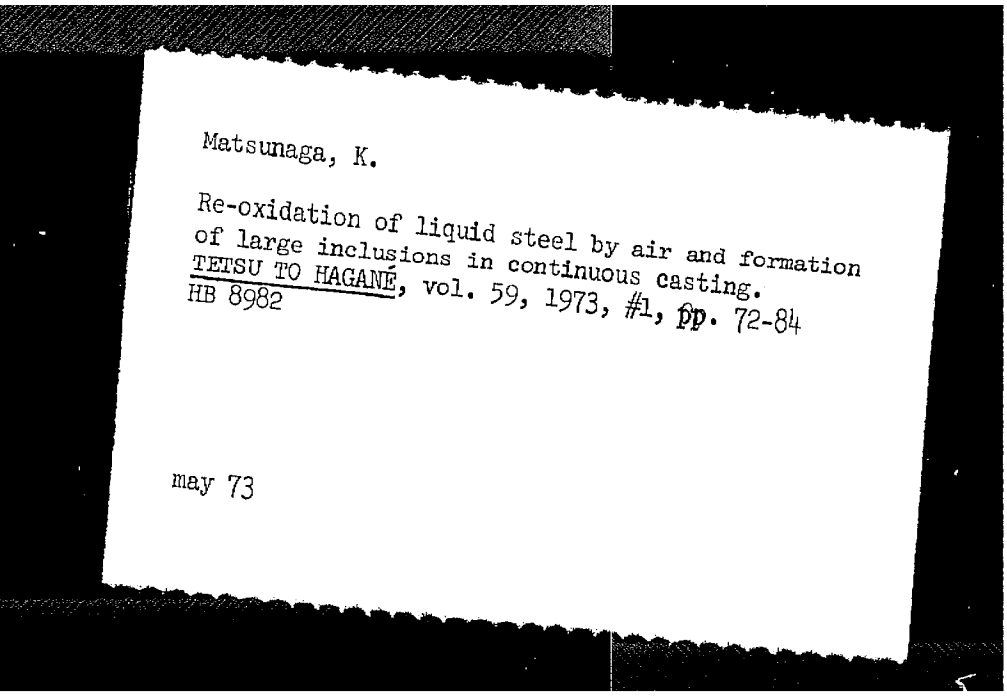

Matsunaga, K.

Re-oxidation of liquid steel by air and formation of large inclusions in continuous casting.
TETSU TO HAGANÉ, vol. 59, 1973, #1, pp. 72-84
HB 8982

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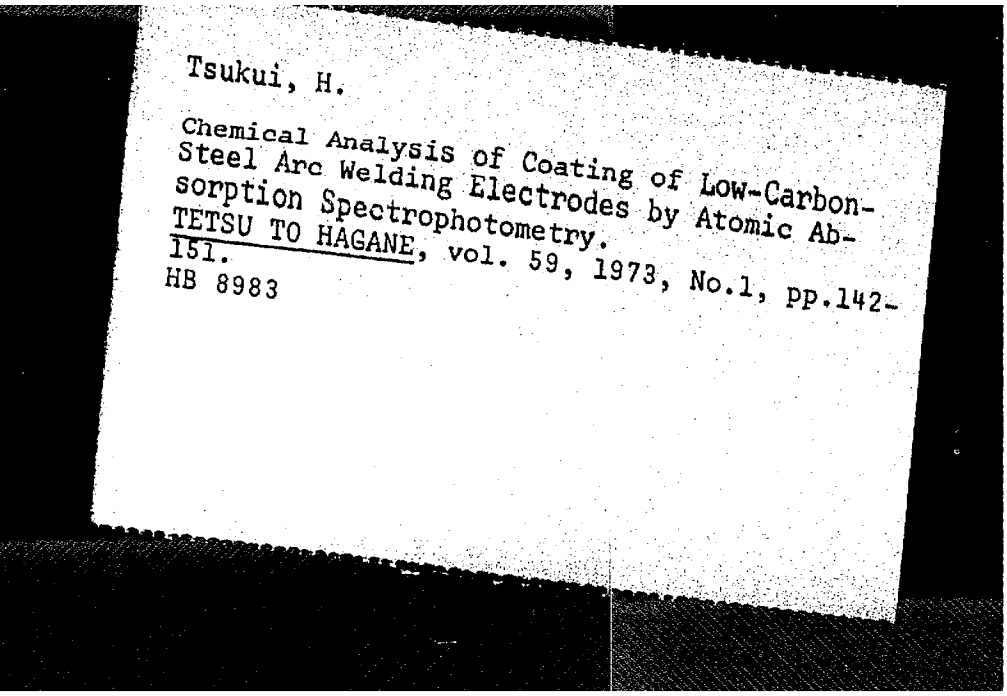

Tsukui, H.

Chemical Analysis of Coating of Low-Carbon-Steel Arc Welding Electrodes by Atomic Absorption Spectrophotometry.
TETSU TO HAGANE, vol. 59, 1973, No.1, pp.142-151.
HB 8983

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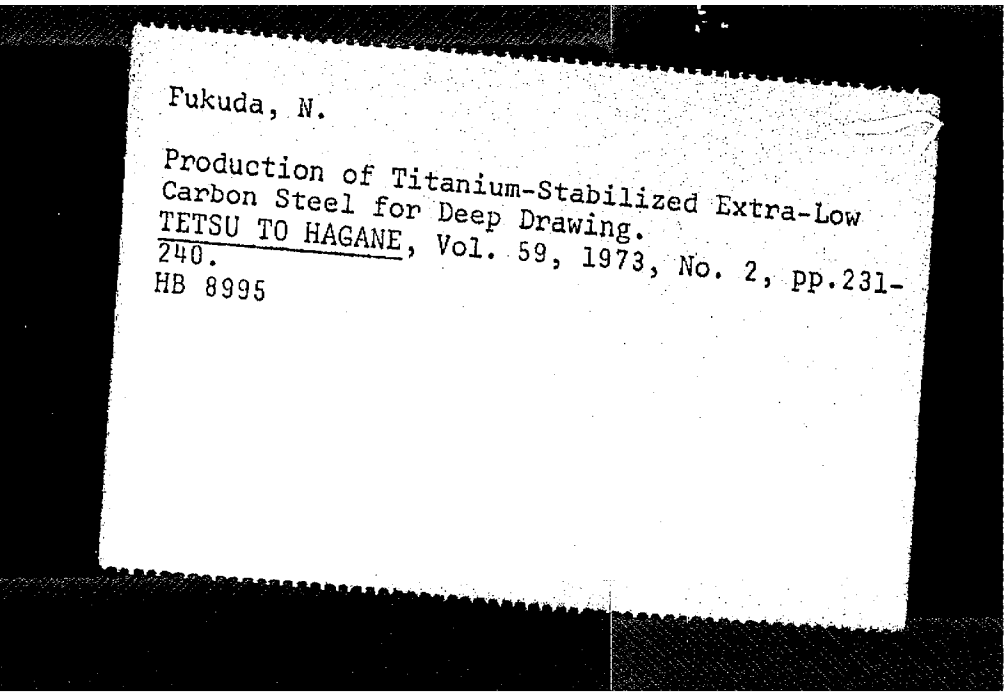

Fukuda, N.

Production of Titanium-Stabilized Extra-Low Carbon Steel for Deep Drawing.
TETSU TO HAGANE, Vol. 59, 1973, No. 2, pp.231-240.
HB 8995

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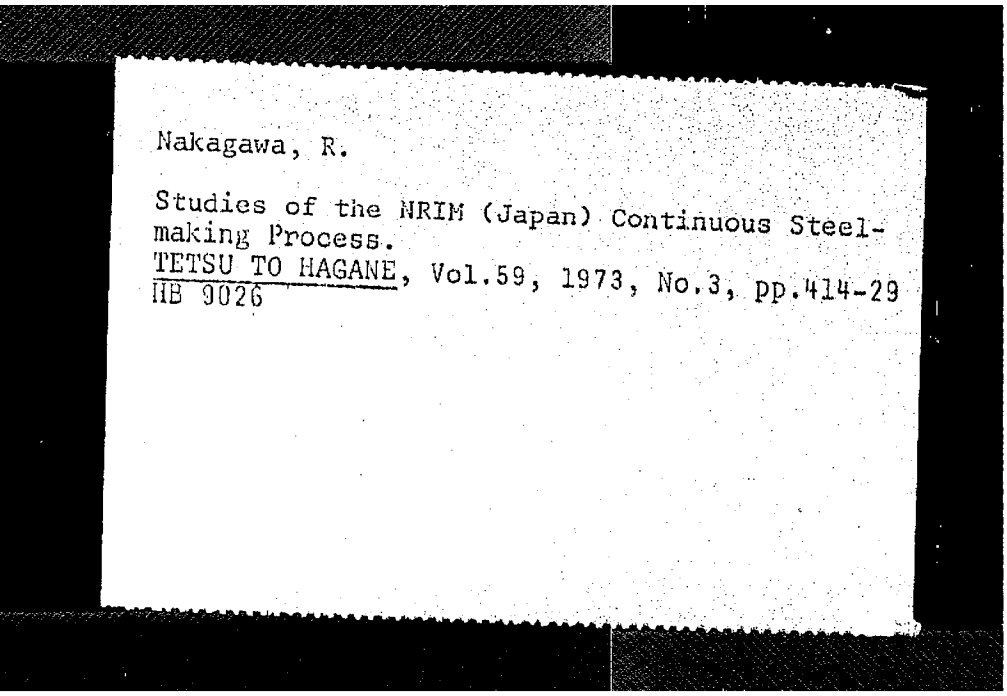

Nakagawa, R.

Studies of the NRIM (Japan) Continuous Steel-making Process.
TETSU TO HAGANE, Vol.59, 1973, No.3, pp.414-29
HB 9026

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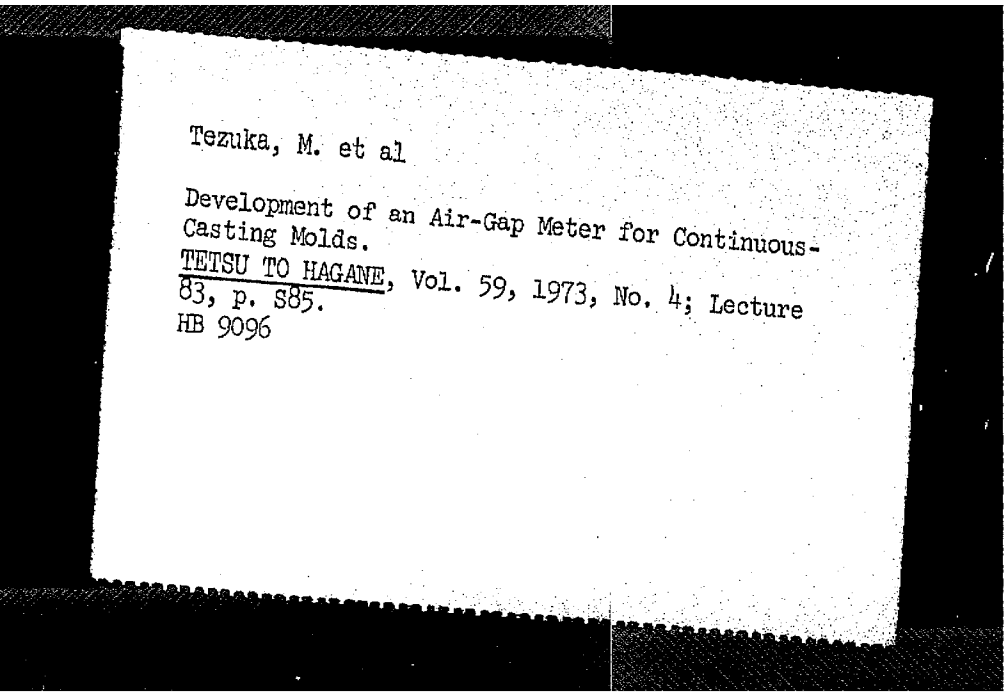

Tezuka, M. et al

Development of an Air-Gap Meter for Continuous-Casting Molds.
TETSU TO HAGANE, Vol. 59, 1973, No. 4; Lecture 83, p. S85.
HB 9096

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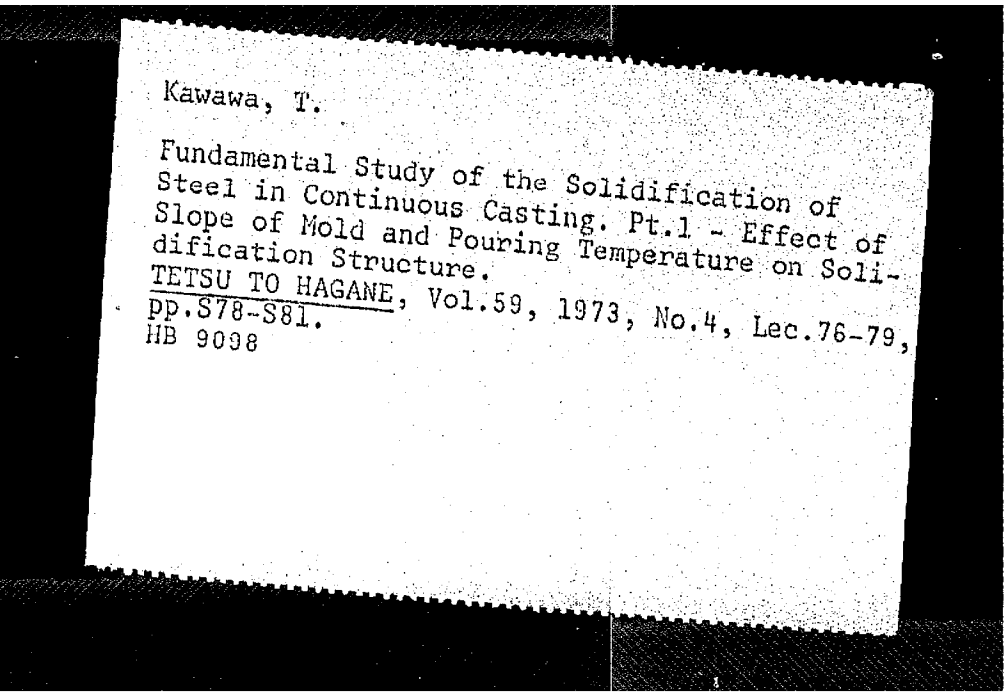

Kawawa, T.

Fundamental Study of the Solidification of Steel in Continuous Casting. Pt.1 - Effect of Slope of Mold and Pouring Temperature on Solidification Structure.

TETSU TO HAGANE, Vol.59, 1973, No.4, Lec.76-79, pp.S78-S81.

HB 9098

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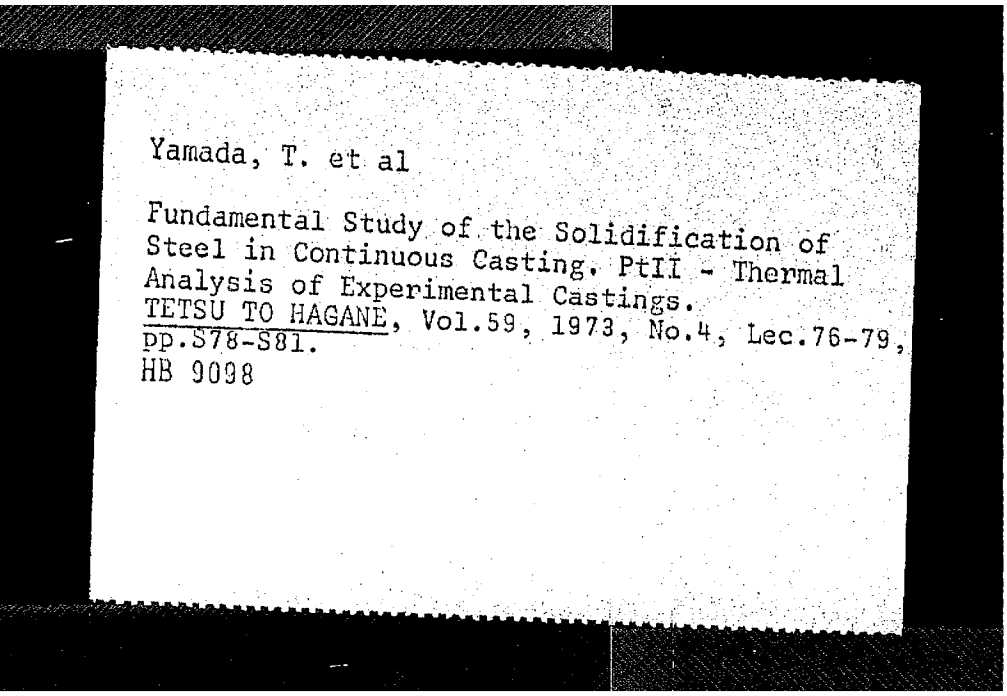

Yamada, T. et al

Fundamental Study of the Solidification of Steel in Continuous Casting. PtII - Thermal Analysis of Experimental Castings.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lec.76-79, pp.S78-S81.
HB 9098

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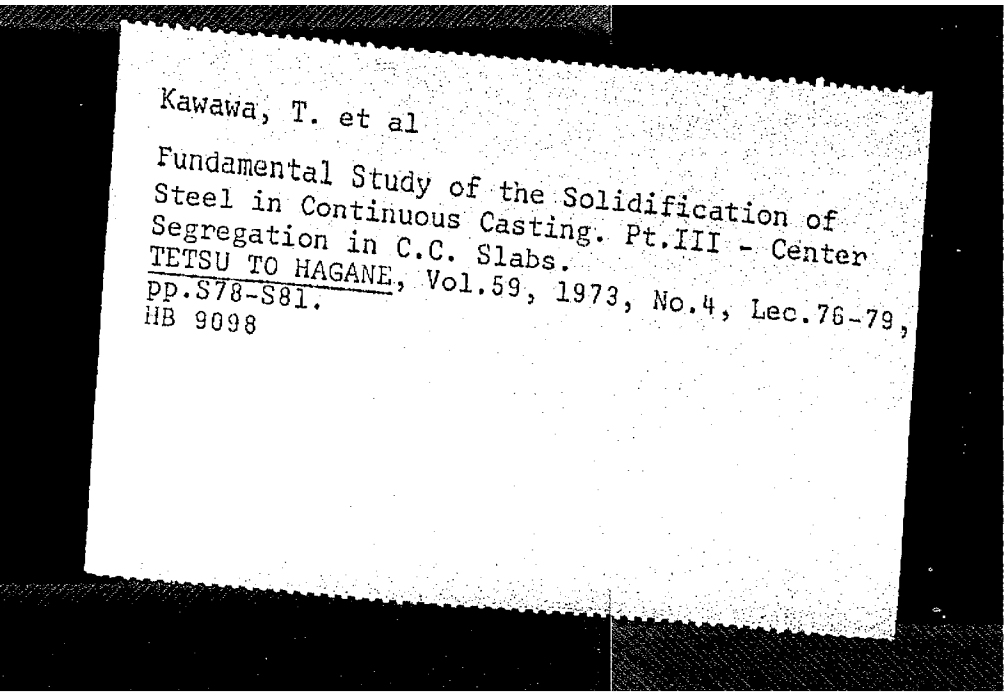

Kawawa, T. et al

Fundamental Study of the Solidification of Steel in Continuous Casting. Pt.III - Center Segregation in C.C. Slabs.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lec.76-79, pp.S78-S81.
HB 9098

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Umeda, Y. et al

Fundamental Study of the Solidification of Steel in Continuous Casting. Pt.IV - Effect of Casting Conditions on Structure and Center Segregation of Slabs.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lec.76-79, pp.S78-S81.
HB 9098

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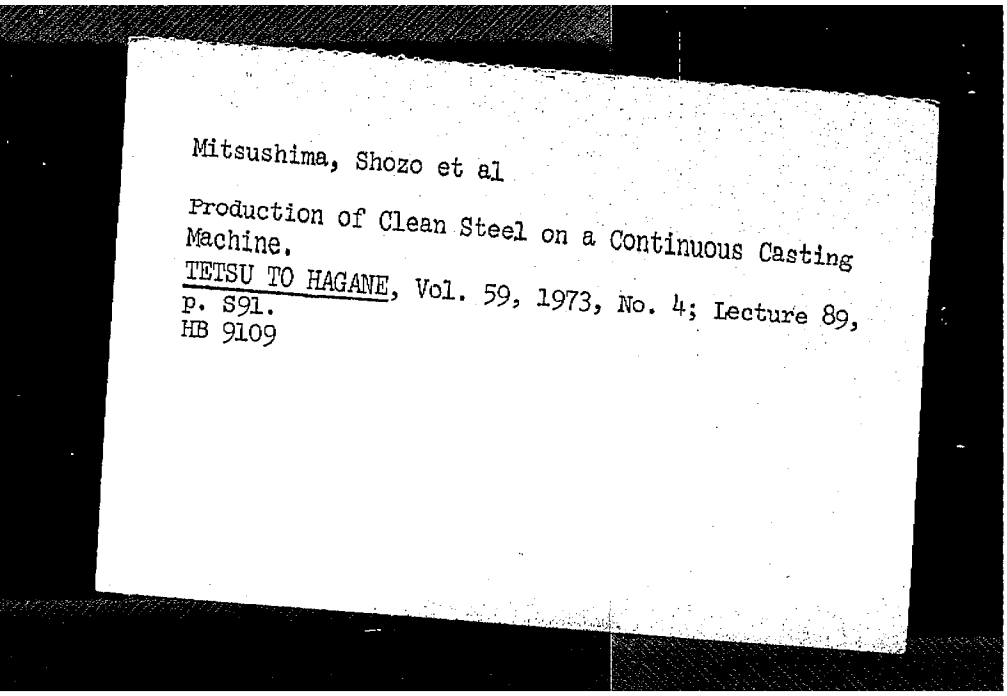

Mitsushima, Shozo et al

Production of Clean Steel on a Continuous Casting Machine.

TETSU TO HAGANE, Vol. 59, 1973, No. 4; Lecture 89, p. S91.

HB 9109

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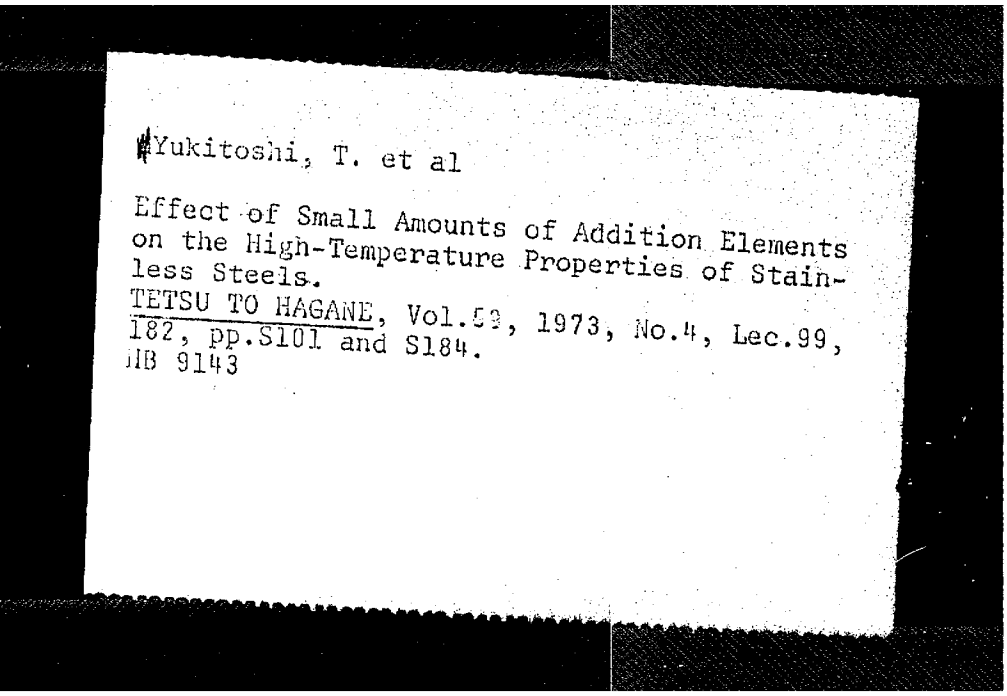

Yukitoshi, T. et al

Effect of Small Amounts of Addition Elements on the High-Temperature Properties of Stainless Steels.

TETSU TO HAGANE, Vol.59, 1973, No.4, Lec.99, 182, pp.S101 and S184.

JB 9143

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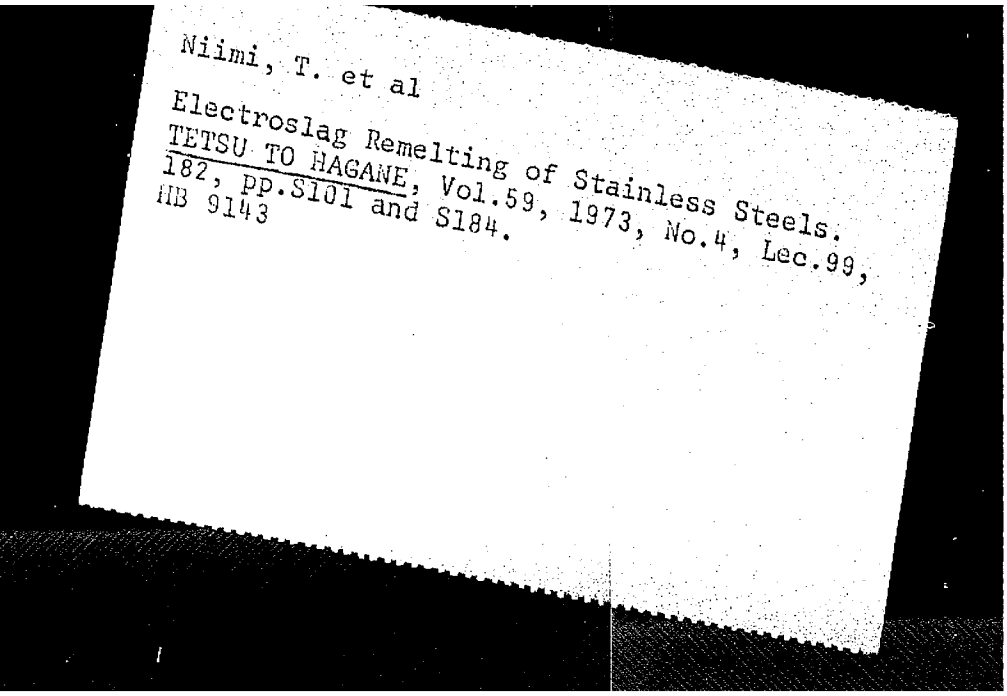

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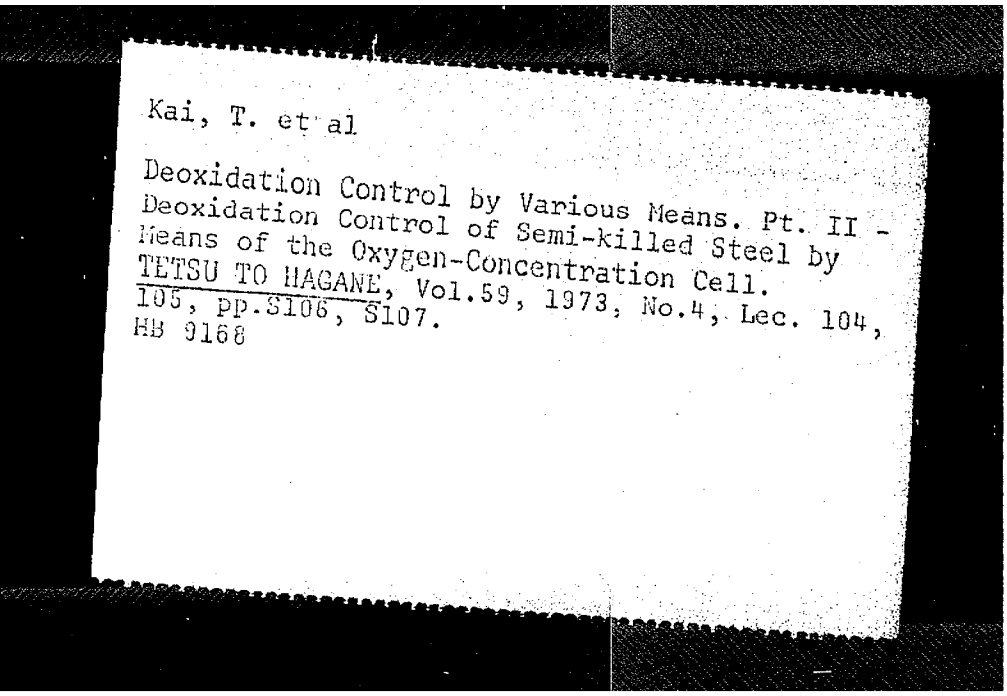

Kai, T. et al

Deoxidation Control by Various Means. Pt. II - Deoxidation Control of Semi-killed Steel by Means of the Oxygen-Concentration Cell.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lec. 104, 105, pp.S106, S107.
HB 9168

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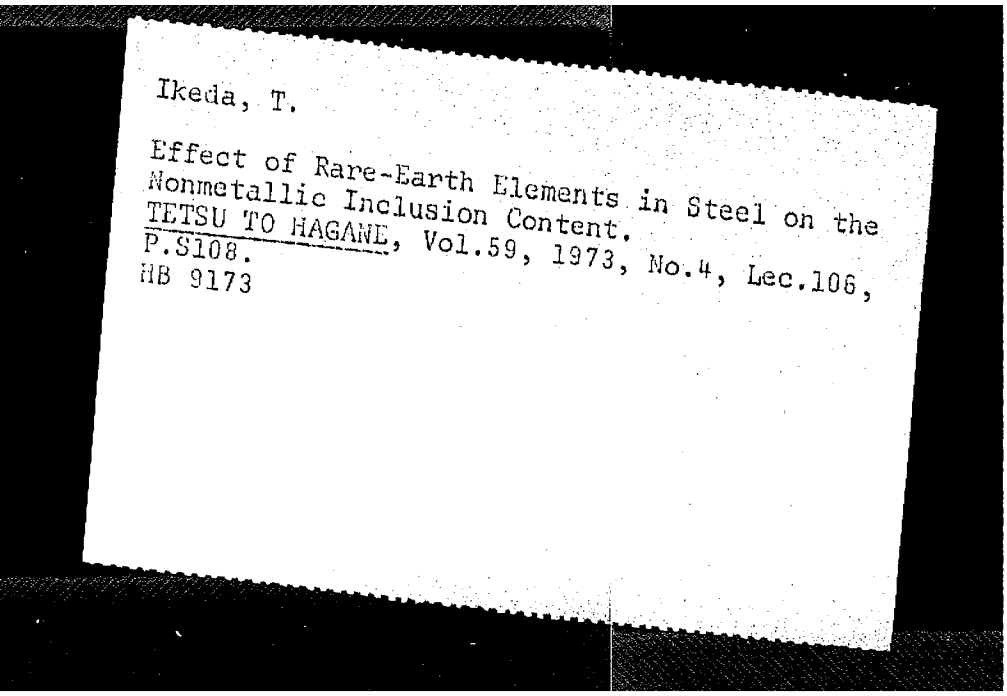

Ikeda, T.

Effect of Rare-Earth Elements in Steel on the Nonmetallic Inclusion Content.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lec.106, P.S108.
HB 9173

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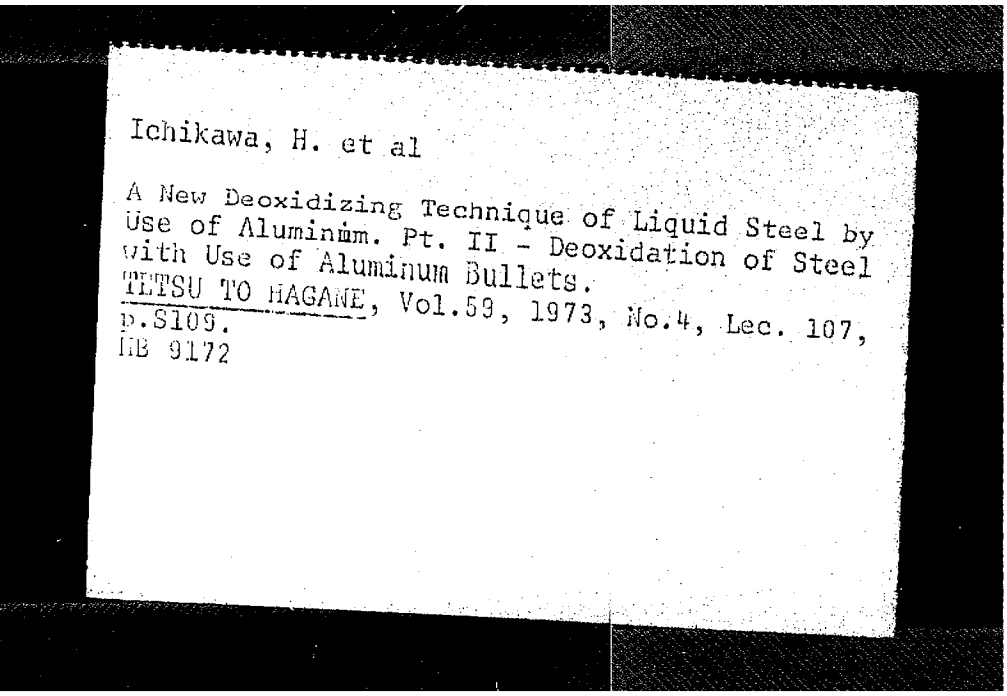

Ichikawa, H. et al

A New Deoxidizing Technique of Liquid Steel by Use of Aluminum. Pt. II - Deoxidation of Steel with Use of Aluminum Bullets.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lec. 107, p.S109.
NB 9172

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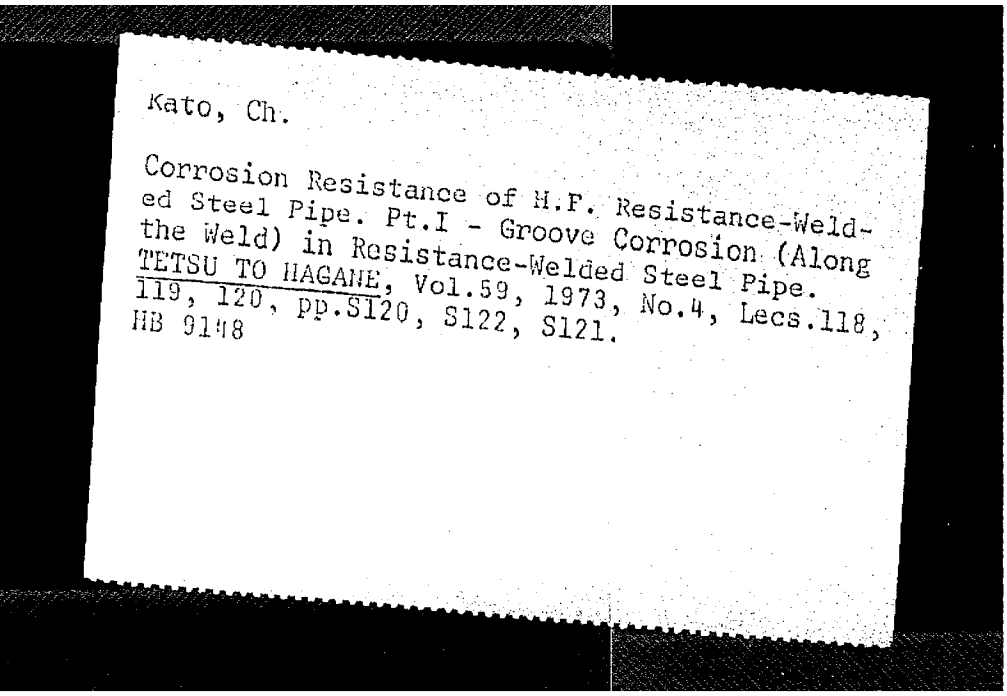

Kato, Ch.

Corrosion Resistance of H.F. Resistance-Welded Steel Pipe. Pt.I - Groove Corrosion (Along the Weld) in Resistance-Welded Steel Pipe. TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs.118, 119, 120, pp.S120, S122, S121.
HB 9148

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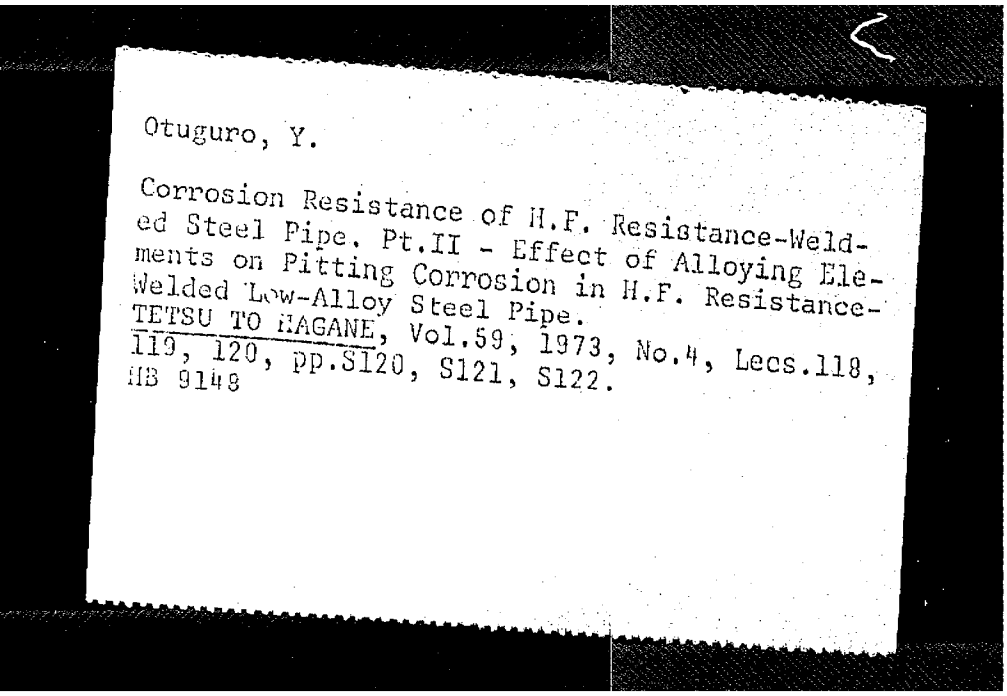

Otuguro, Y.

Corrosion Resistance of H.F. Resistance-Welded Steel Pipe. Pt.II - Effect of Alloying Elements on Pitting Corrosion in H.F. Resistance-Welded Low-Alloy Steel Pipe.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs.118, 119, 120, pp.S120, S121, S122.
MB 9148

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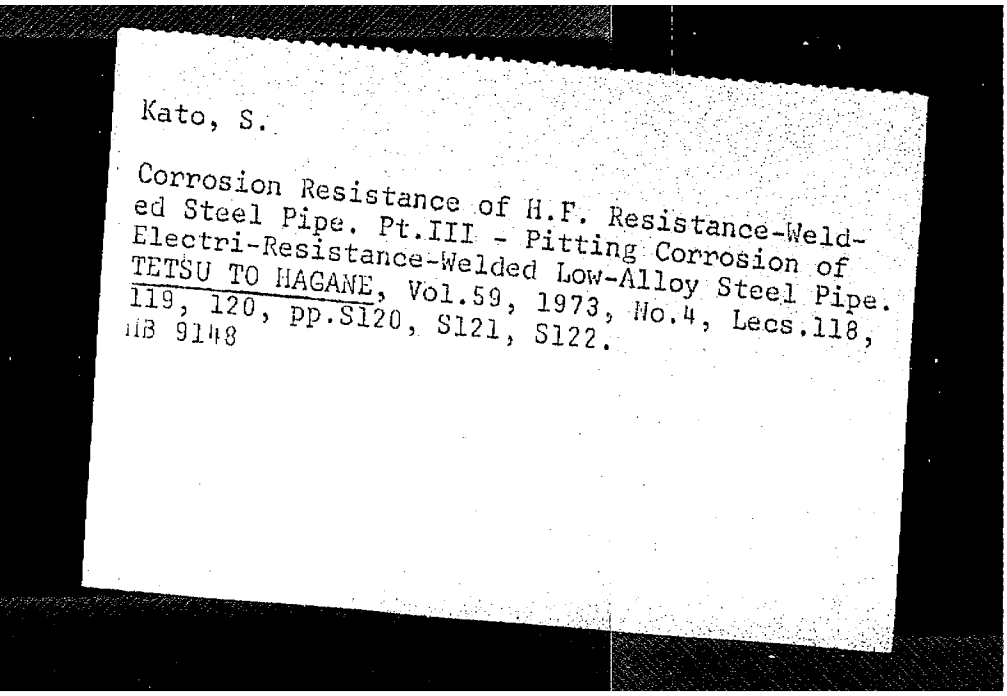

Kato, S.

Corrosion Resistance of H.F. Resistance-Welded Steel Pipe. Pt.III - Pitting Corrosion of Electri-Resistance-Welded Low-Alloy Steel Pipe. TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs.118, 119, 120, pp.S120, S121, S122.

MB 9148

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Yamanishi, K.

Study of the Diffusion of Hydrogen in Steel. Part II. Effect of Microstructure on the Diffusion of Hydrogen in Carbon Steel at Room Temperature.

TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs 130 and 131, pp.S132-and S133.

HB 9170

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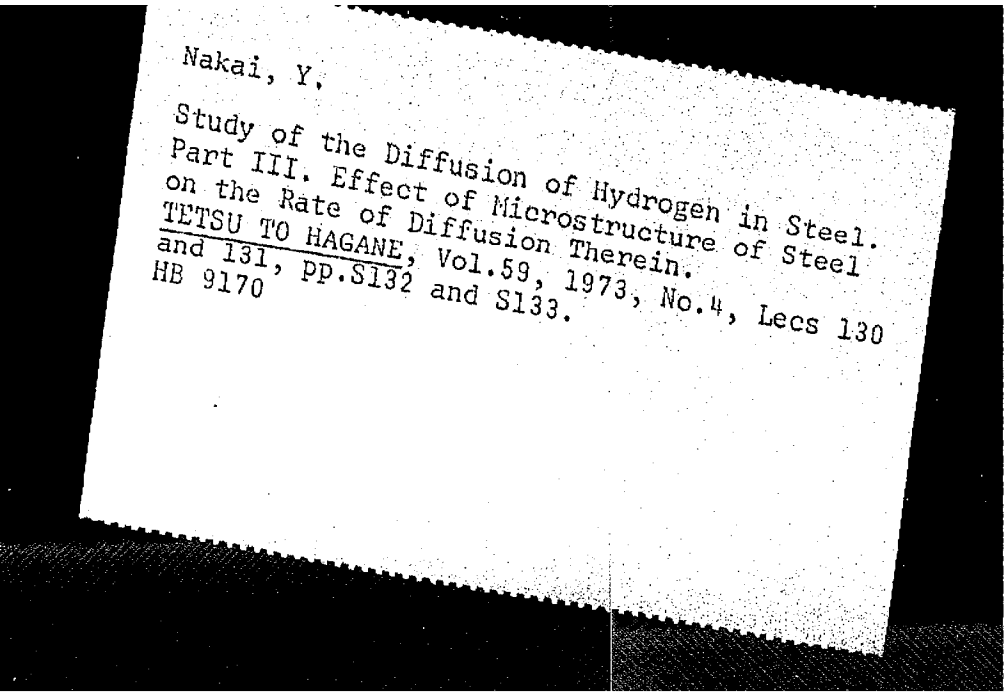

Nakai, Y.

Study of the Diffusion of Hydrogen in Steel. Part III. Effect of Microstructure of Steel on the Rate of Diffusion Therein.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs 130 and 131, PP.S132 and S133.
HB 9170

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Ikeno, T. et al

On High-Strength Steel for High Heat Input Welding.
Pt. I - Prevention of Grain Growth in High Heat Input Welding.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lec.146-149, S148-S151.
HB 9151

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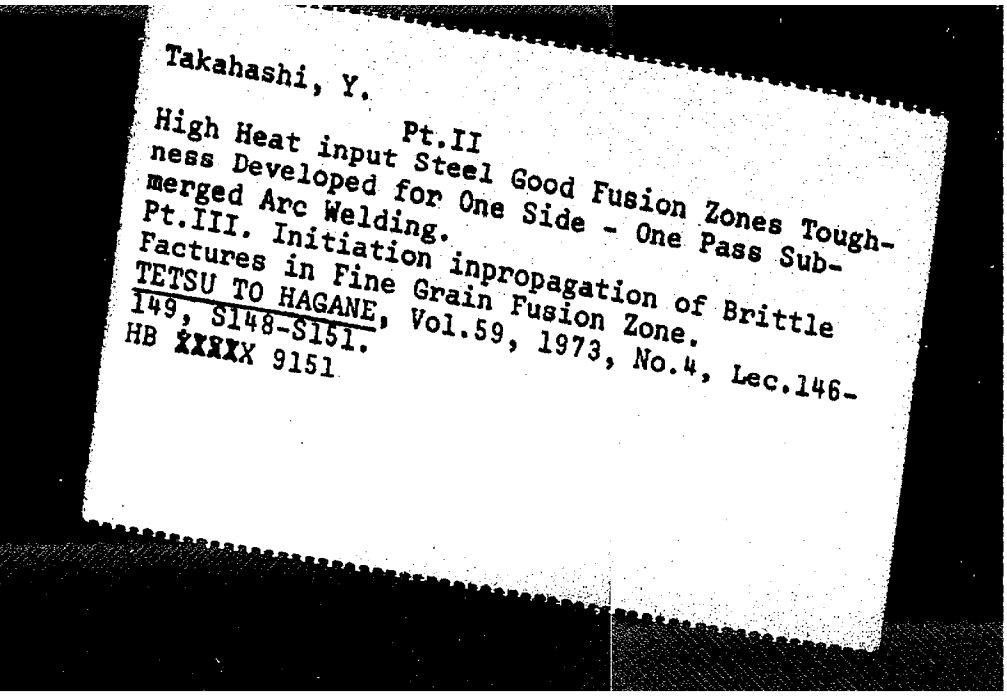

Takahashi, Y.

High Heat input Steel Good Fusion Zones Toughness Developed for One Side - One Pass Submerged Arc Welding. Pt.II

Pt.III. Initiation inpropagation of Brittle Factures in Fine Grain Fusion Zone.

TETSU TO HAGANE, Vol.59, 1973, No.4, Lec.146-149, S148-S151.

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Takahashi, Y.

Fine Grained Heat Affected in High Heat Input Welds.
TETSU TO HAGANE, V1.59, 1973, No.4, Lec.146-149, S148-S151.
HB 9151

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Kawai , M. et al

Study of 12% Chromium Steel for Steam Turbine Rotors. Part I - Effect of Tantalum and Nitrogen on Creep-Rupture Strength of 12% Cr Steel. TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs 169-172, pp.S171-S174.
HB 9150

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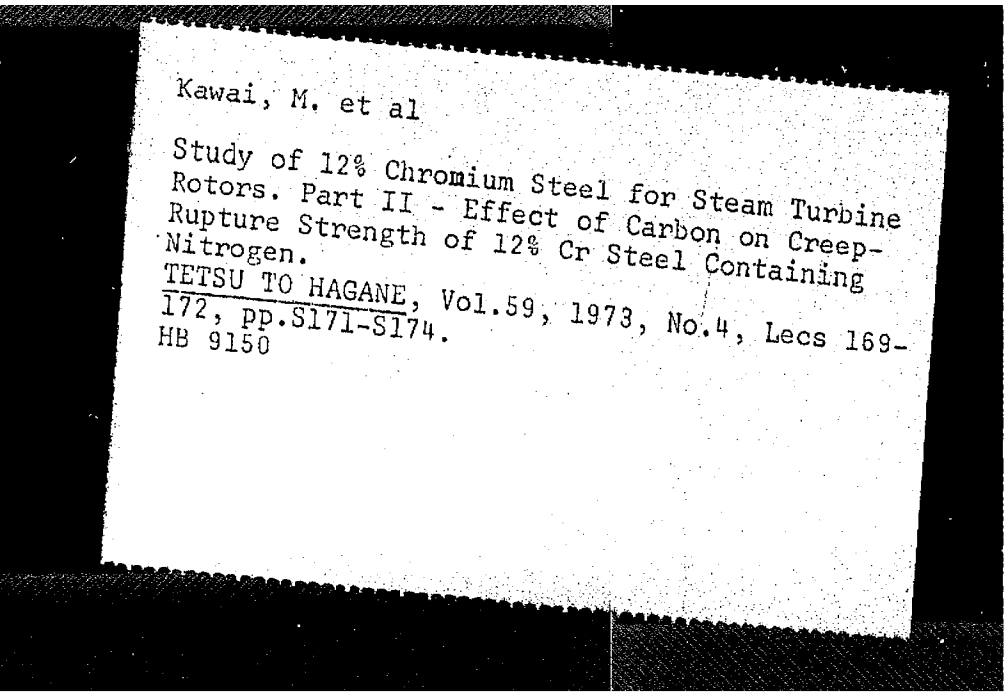

Kawai, M. et al

Study of 12% Chromium Steel for Steam Turbine Rotors. Part II - Effect of Carbon on Creep-Rupture Strength of 12% Cr Steel Containing Nitrogen.

TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs 169-172, pp.S171-S174.

HB 9150

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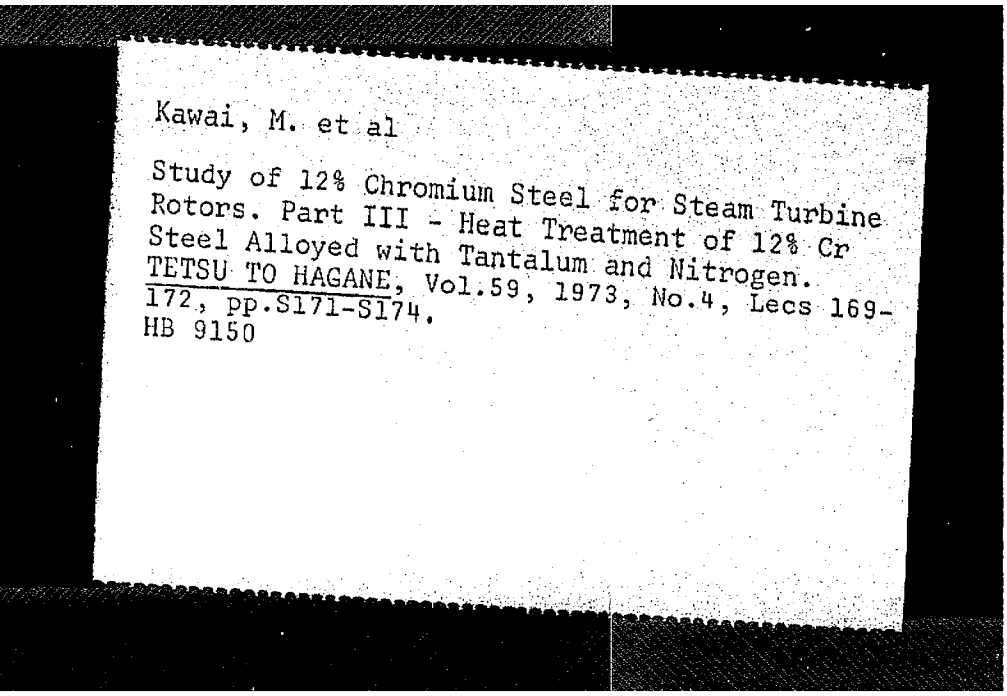

Kawai, M. et al

Study of 12% Chromium Steel for Steam Turbine Rotors. Part III - Heat Treatment of 12% Cr Steel Alloyed with Tantalum and Nitrogen. TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs 169-172, pp.S171-S174.
HB 9150

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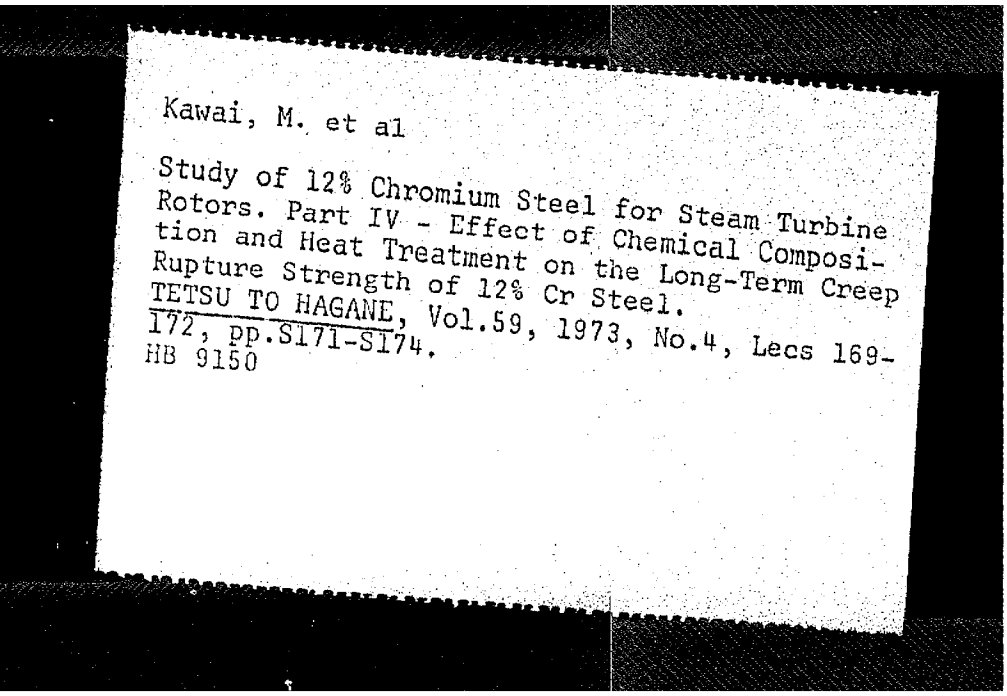

Kawai, M. et al

Study of 12% Chromium Steel for Steam Turbine Rotors. Part IV - Effect of Chemical Composition and Heat Treatment on the Long-Term Creep Rupture Strength of 12% Cr Steel.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs 169-172, pp.S171-S174.
HB 9150

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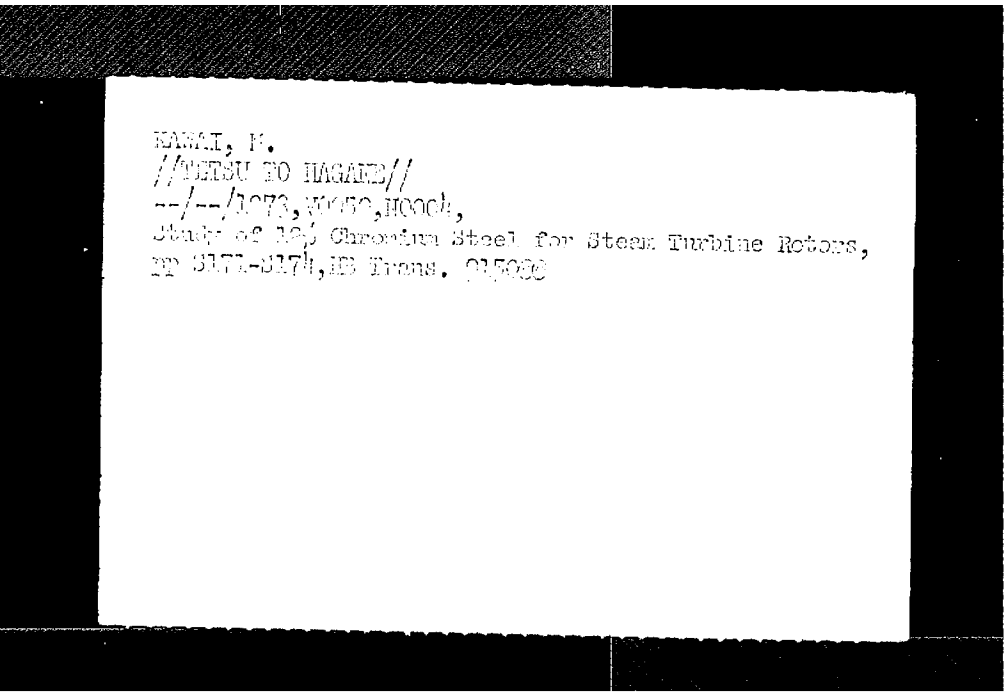

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Kubotera, H.

A Study of Continuous Annealing of Steel Sheet. Pt.I - Effect of Pre-Cooling Rate and Overaging Temperature in Accelerated Overaging. Pt.II - Effect of Hot Coiling upon Softening and r Values of Sheet overaged by Accelerated Cycling. Pt.III - Press Formability of Steel Sheet by Accelerated Overaging.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs.188, 189, 190, pp.S190, S191 and S192.
HB 9169

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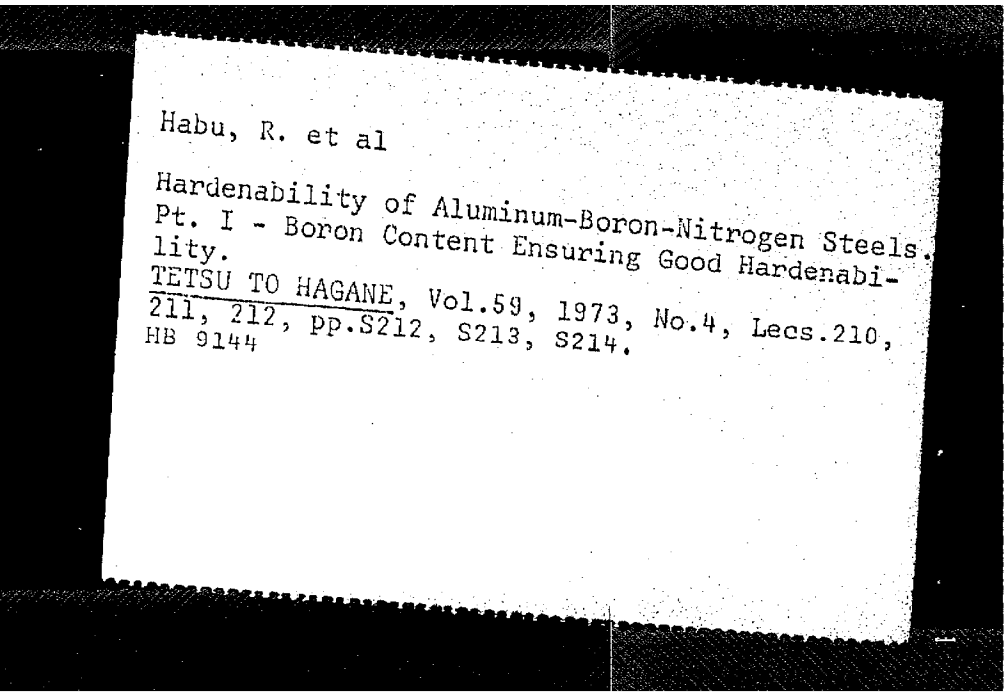

Habu, R. et al

Hardenability of Aluminum-Boron-Nitrogen Steels. Pt. I - Boron Content Ensuring Good Hardenability.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs.210, 211, 212, pp.S212, S213, S214.
HB 9144

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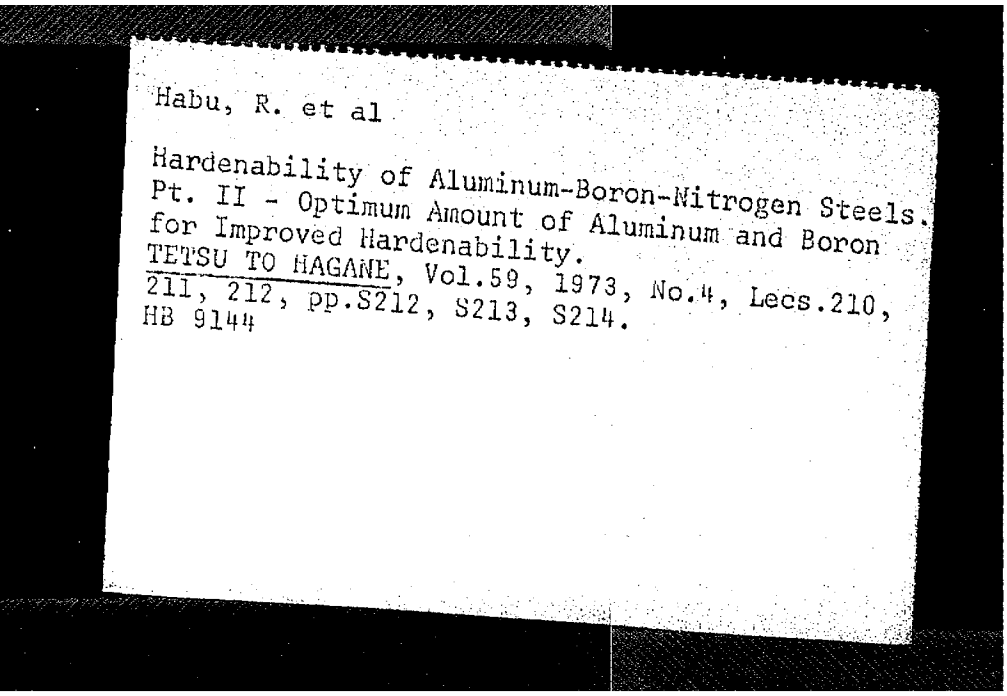

Habu, R. et al

Hardenability of Aluminum-Boron-Nitrogen Steels. Pt. II - Optimum Amount of Aluminum and Boron for Improved Hardenability.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs.210, 211, 212, pp.S212, S213, S214.
HB 9144

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Habu, R. et al

Hardenability of Aluminum-Boron-Nitrogen Steels. Pt.III - Hardenability Improved by a Double Quench.

TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs.210, 211, 212, pp.S212, S213, S214.

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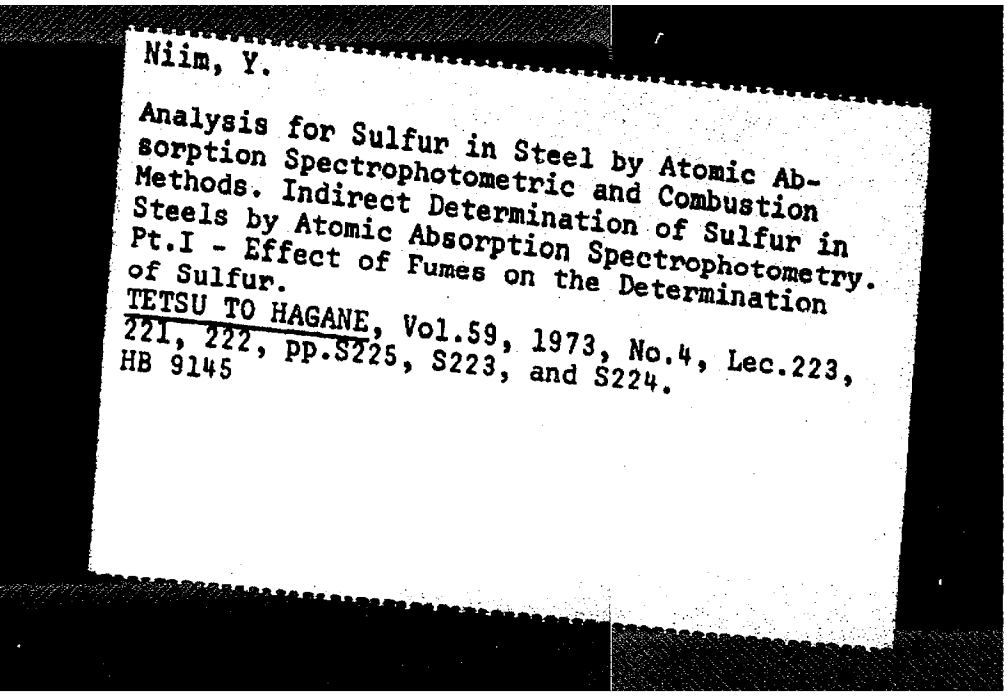

Niim, Y.

Analysis for Sulfur in Steel by Atomic Absorption Spectrophotometric and Combustion Methods. Indirect Determination of Sulfur in Steels by Atomic Absorption Spectrophotometry. Pt.I - Effect of Fumes on the Determination of Sulfur.

TETSU TO HAGANE, Vol.59, 1973, No.4, Lec.223, 221, 222, pp.S225, S223, and S224.

HB 9145

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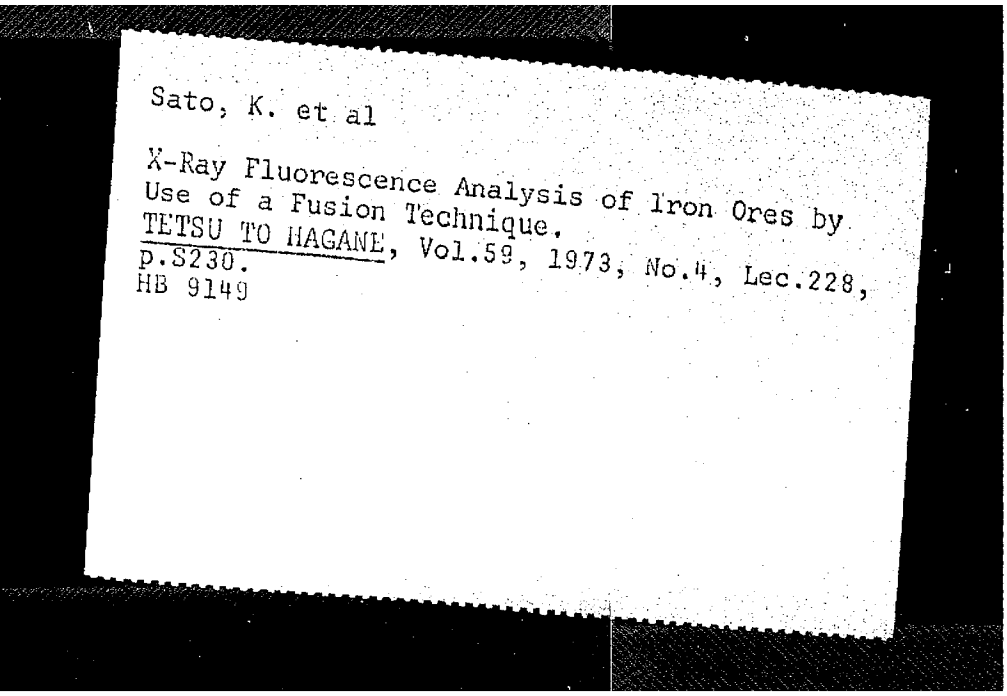
Tanaka, N. et alP

Pt.II - Effect of Carbon Content on Results of Sulfur Analysis.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs.223, 221, 222, pp.S225, S223, and S224.
HB 9145

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200230012-7

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200230012-7



Sato, K. et al

X-Ray Fluorescence Analysis of Iron Ores by Use of a Fusion Technique.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lec.228, p.S230.
HB 9149

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200230012-7

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Niimi, Y. et al

X-Ray Fluorescence Analysis of Iron Ores and Steels. Pt. I - X-Ray Fluorescence Analysis of Trace Elements in Iron Ores Using Fused Samples.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs.229 and 230.
HB 9147

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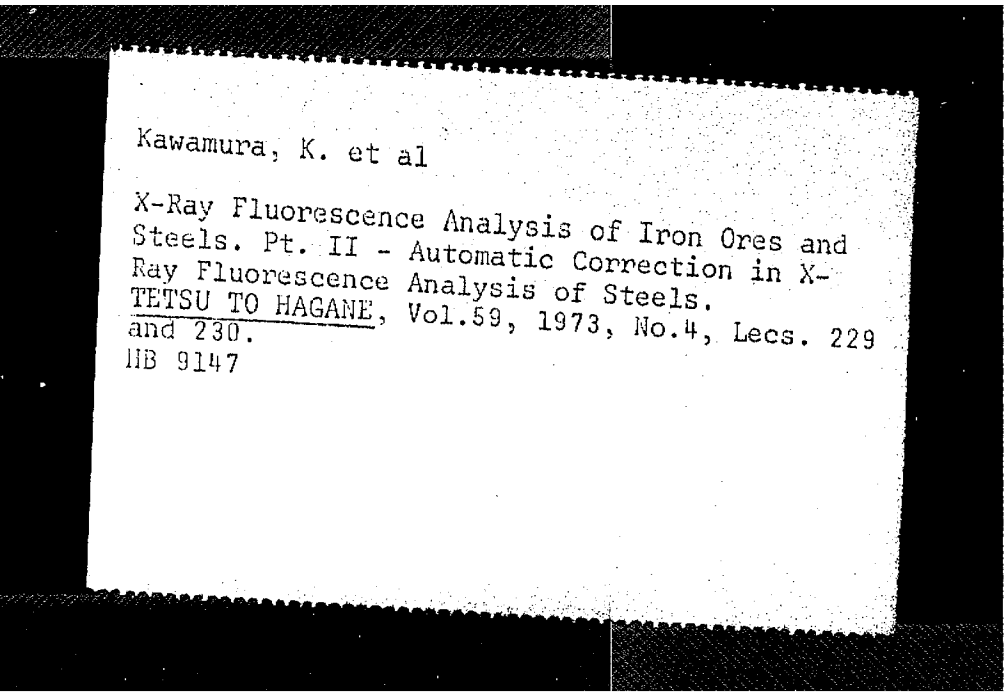

Kawamura, K. et al

X-Ray Fluorescence Analysis of Iron Ores and Steels. Pt. II - Automatic Correction in X-Ray Fluorescence Analysis of Steels.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lecs. 229 and 230.
NB 9147

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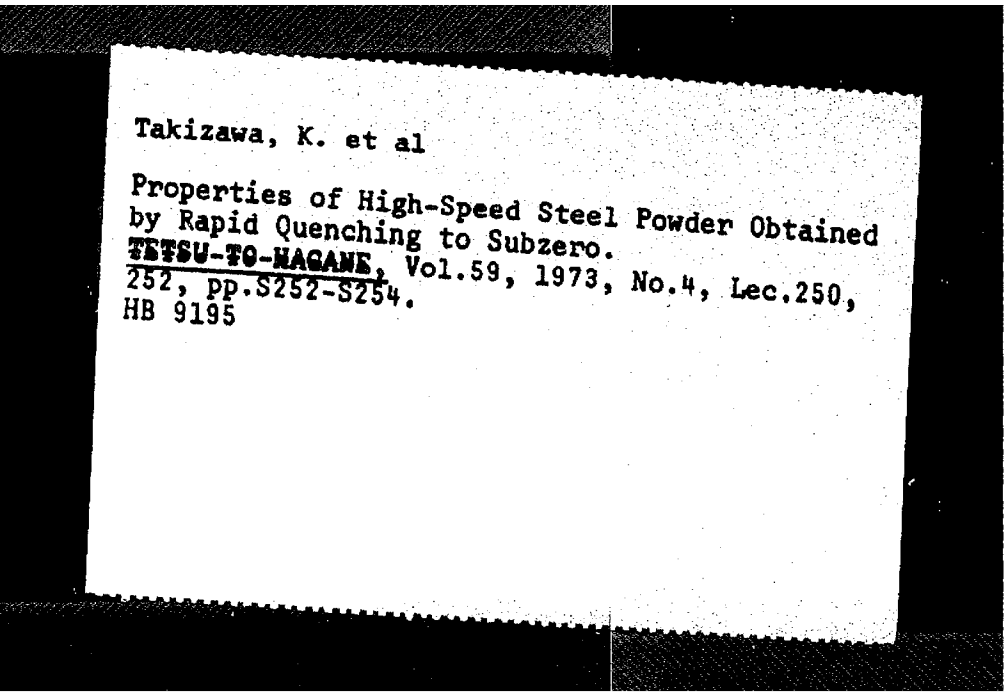

Takizawa, K. et al

Properties of High-Speed Steel Powder Obtained by Rapid Quenching to Subzero.
TETSU-TO-HAGANE, Vol.59, 1973, No.4, Lec.250, 252, pp.S252-S254.
HB 9195

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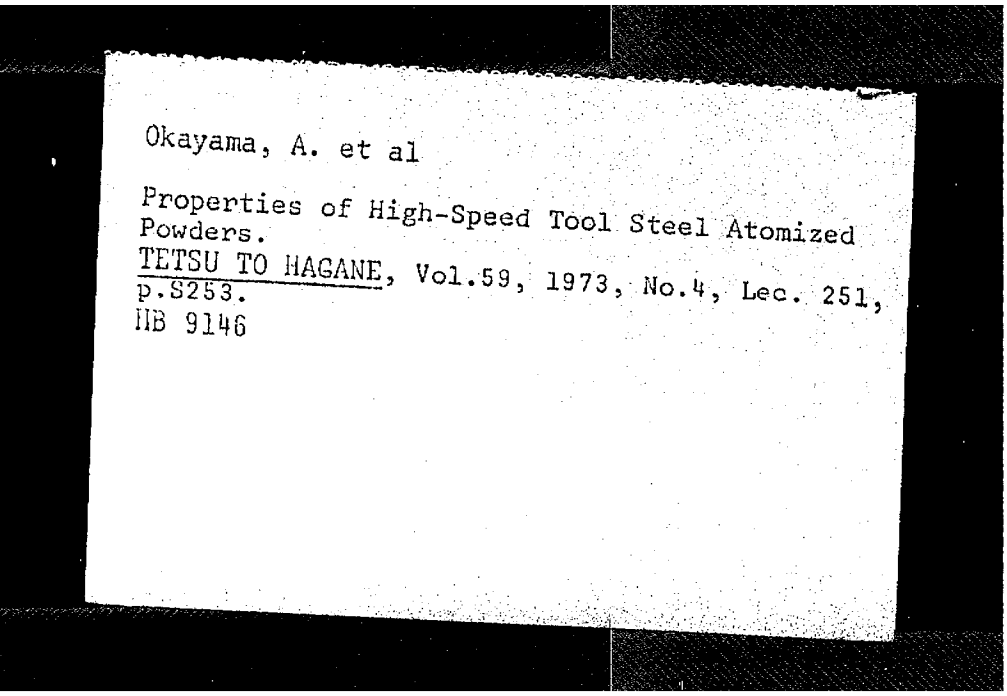

Okayama, A. et al

Properties of High-Speed Tool Steel Atomized Powders.
TETSU TO HAGANE, Vol.59, 1973, No.4, Lec. 251, p.S253.
HB 9146

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Masui, A. et al

Hydrogen in Electric-Furnace Steelmaking.
TETSU TO HAGANE, Vol.59, 1973, No.4, Sec.96
HB 9167
p. 598

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Kawamur, K.

Use of the Cold Nitric Acid Method in the Analysis of Nonmetallic Inclusions in Steel. TETSU TO HAGANE, vol. 59, 1972, No.4, pp. 2060-2066.
HB 8964

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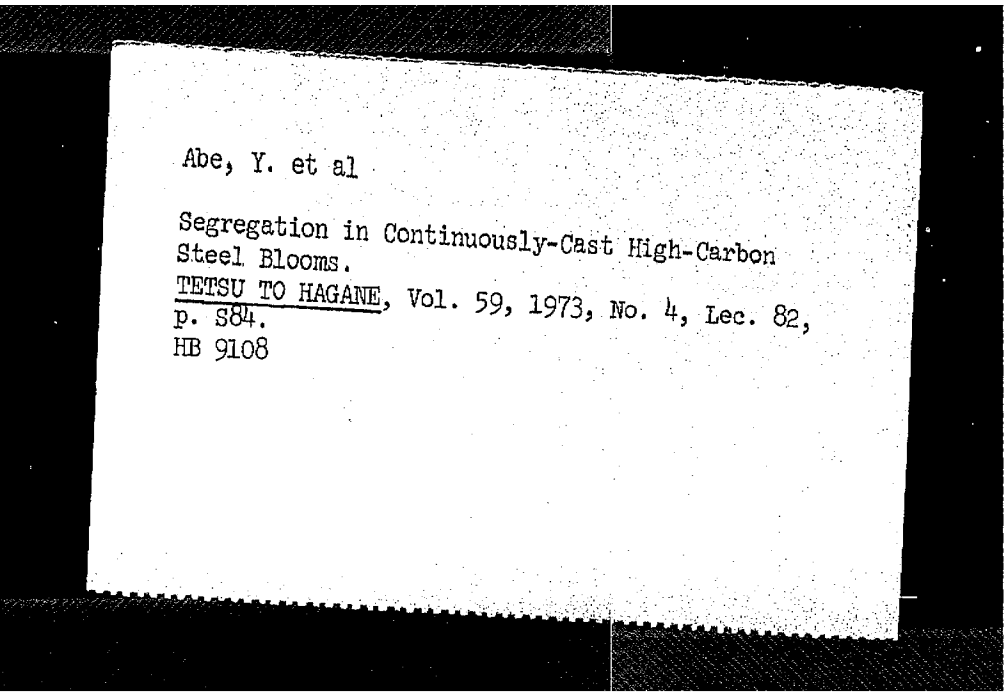

Abe, Y. et al

Segregation in Continuously-Cast High-Carbon Steel Blooms.
TETSU TO HAGANE, Vol. 59, 1973, No. 4, Lec. 82, p. S84.
HB 9108

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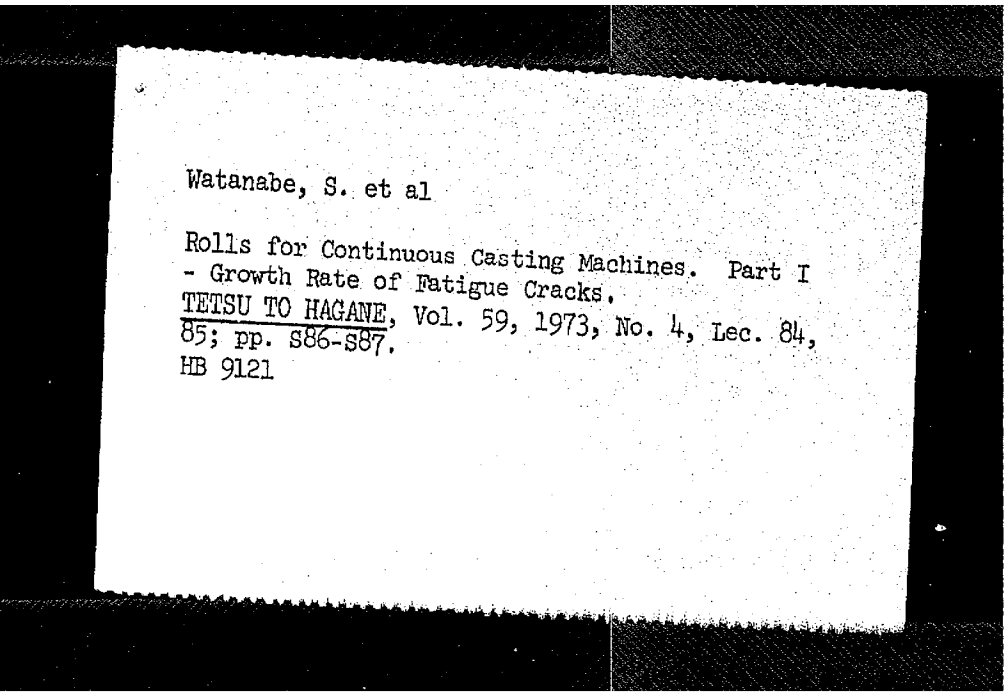

Watanabe, S. et al

Rolls for Continuous Casting Machines. Part I - Growth Rate of Fatigue Cracks.
TETSU TO HAGANE, Vol. 59, 1973, No. 4, Lec. 84, 85; pp. S86-S87.
HB 9121

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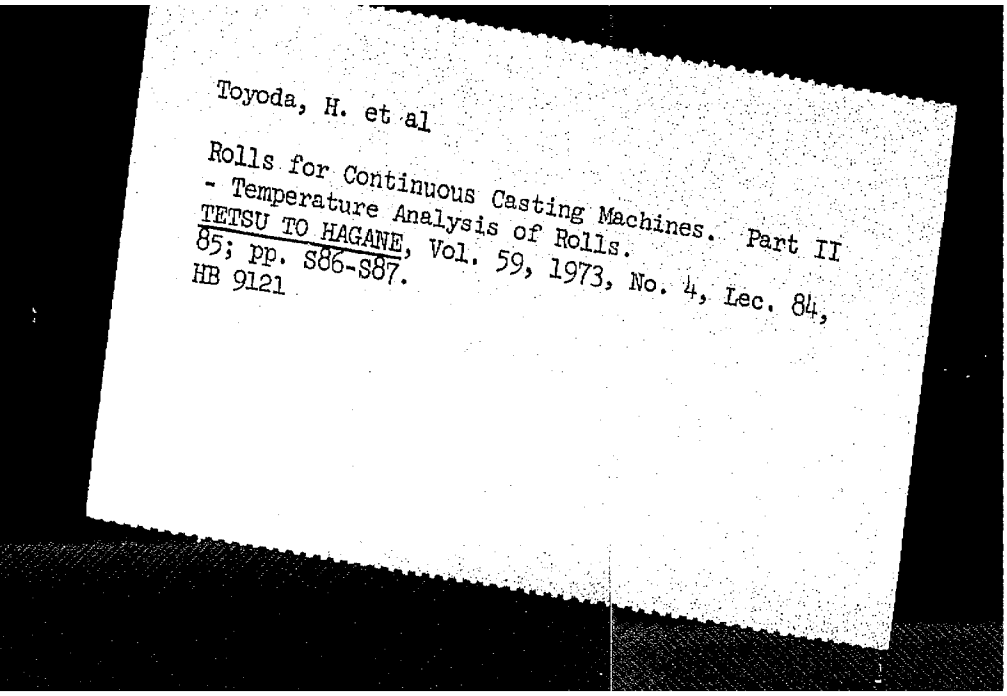

Toyoda, H. et al

Rolls for Continuous Casting Machines. Part II - Temperature Analysis of Rolls.
TETSU TO HAGANE, Vol. 59, 1973, No. 4, Lec. 84, 85; pp. S86-S87.
HB 9121

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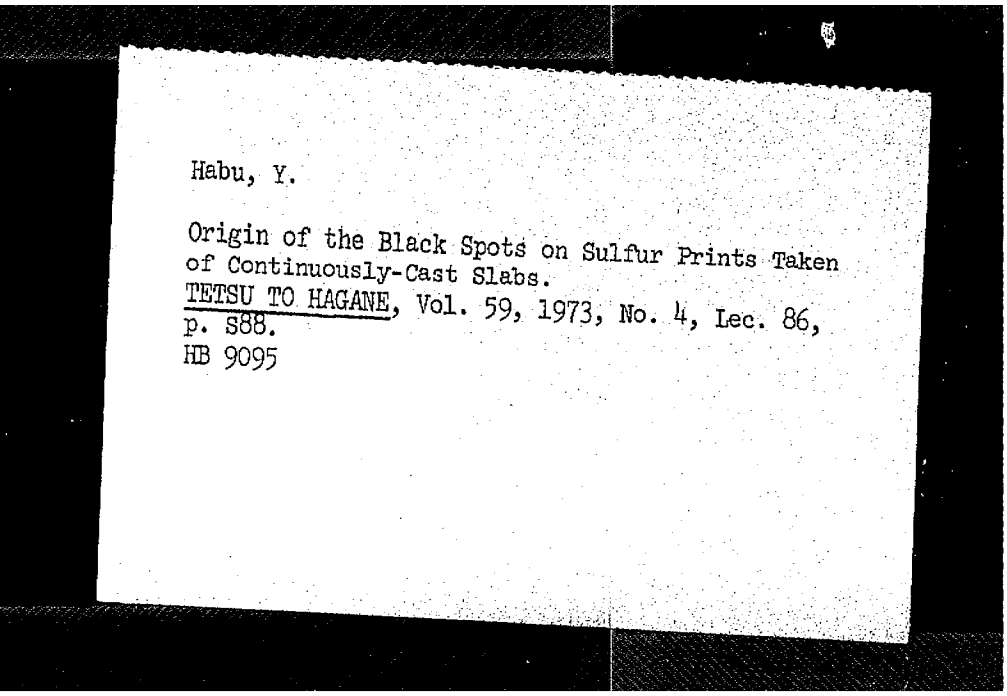

Habu, Y.

Origin of the Black Spots on Sulfur Prints Taken of Continuously-Cast Slabs.
TETSU TO HAGANE, Vol. 59, 1973, No. 4, Lec. 86, p. S88.
HB 9095

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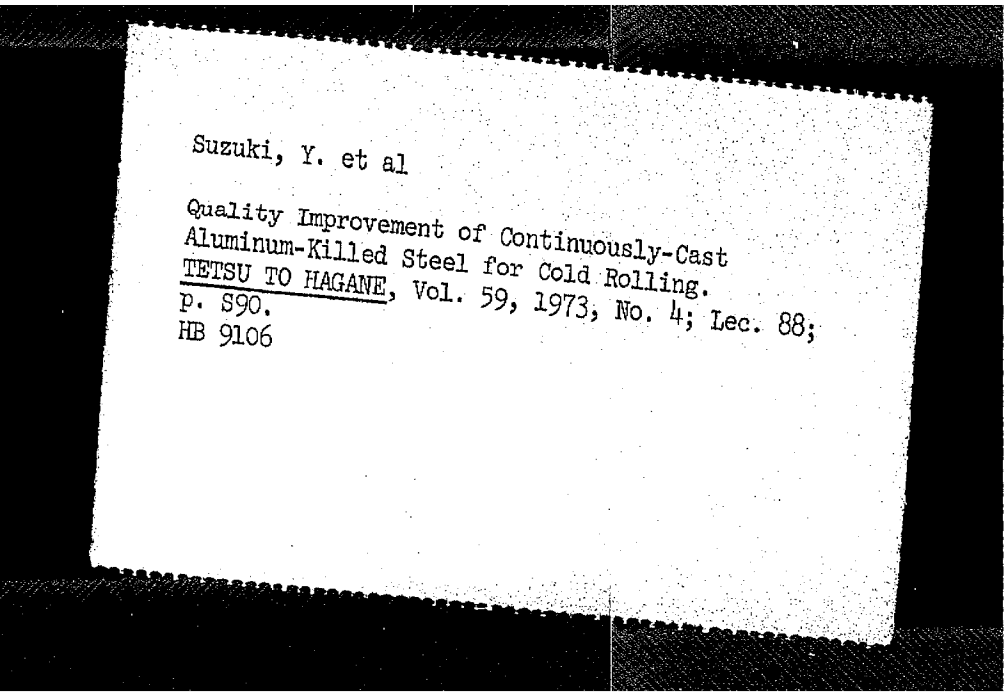

Suzuki, Y. et al

Quality Improvement of Continuously-Cast Aluminum-Killed Steel for Cold Rolling.
TETSU TO HAGANE, Vol. 59, 1973, No. 4; Lec. 88; p. S90.
HB 9106

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Kumai, H. et al

Continuous Casting of Cold Rolling Slabs on an Arc-Type Caster. Part II - Distribution, Quantity, and Composition of Nonmetallic Inclusions in Al-Si-Killed Low-Carbon Steel Slabs.
TETSU TO HAGANE, Vol. 59, 1973, No. 4, Lec. 90 and 91; pp. S92-S93.
HB 9107

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APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200230012-7

Kumai, H. et al

Continuous Casting of Cold Rolling Slabs on an Arc-Type Caster. Part I - Surface Defects of Cold-Rolled Low Carbon Aluminum-Silicon-Killed Steel Sheet.
TETSU TO HAGANE, Vol. 59, 1973, No. 4, Lec. 90 and 91; pp. S92-S93.
HB 9107

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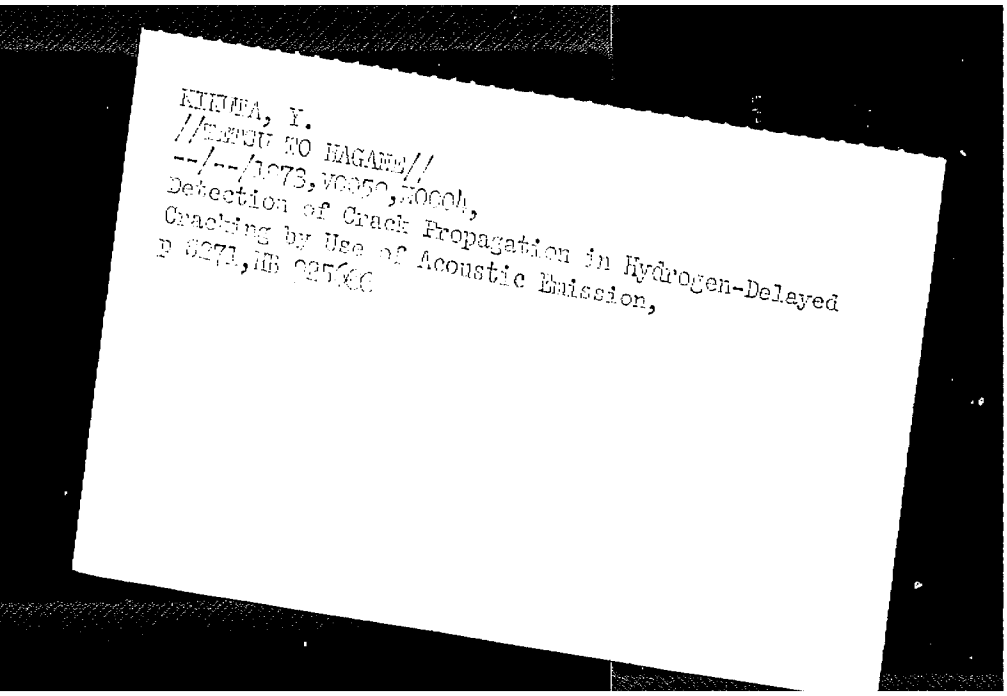
KIMURA, Y.
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--/--/1973, V0050, I0004,
Detection of Crack Propagation in Hydrogen-Delayed
Cracking by Use of Acoustic Emission,
P 0271, JPRS 62566

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Endo, Y.

Correction for Background in the Atomic Absorption Analysis of Iron and Steel.
TETSU TO HAGANE, Vol.59, 1973, No.6, pp.800-807.
HB 9073

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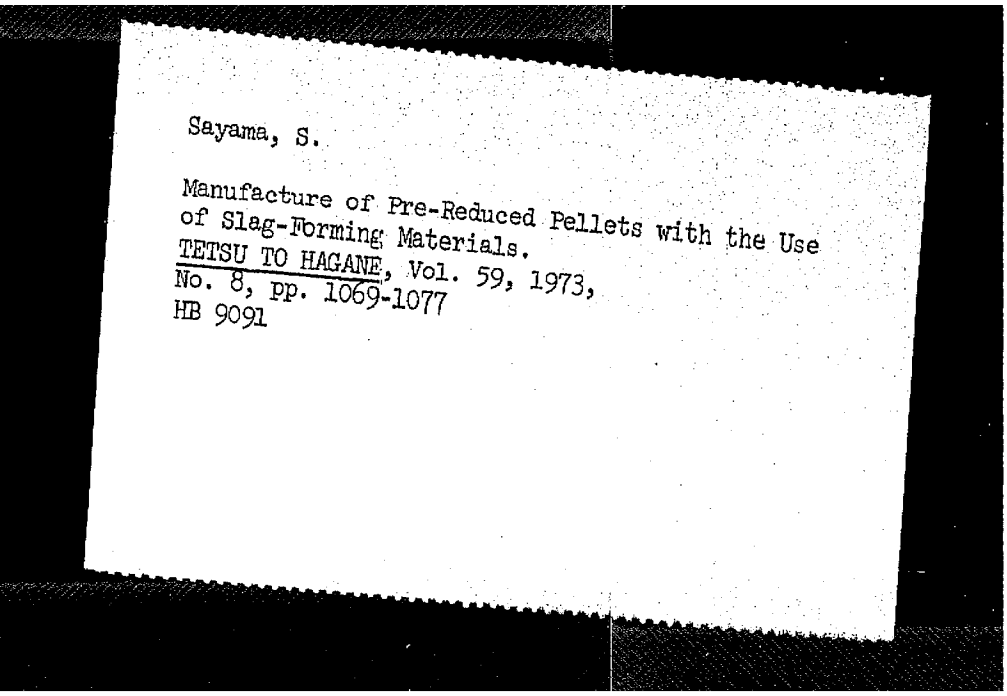

Sayama, S.

Manufacture of Pre-Reduced Pellets with the Use of Slag-Forming Materials.
TETSU TO HAGANE, Vol. 59, 1973,
No. 8, pp. 1069-1077
HB 9091

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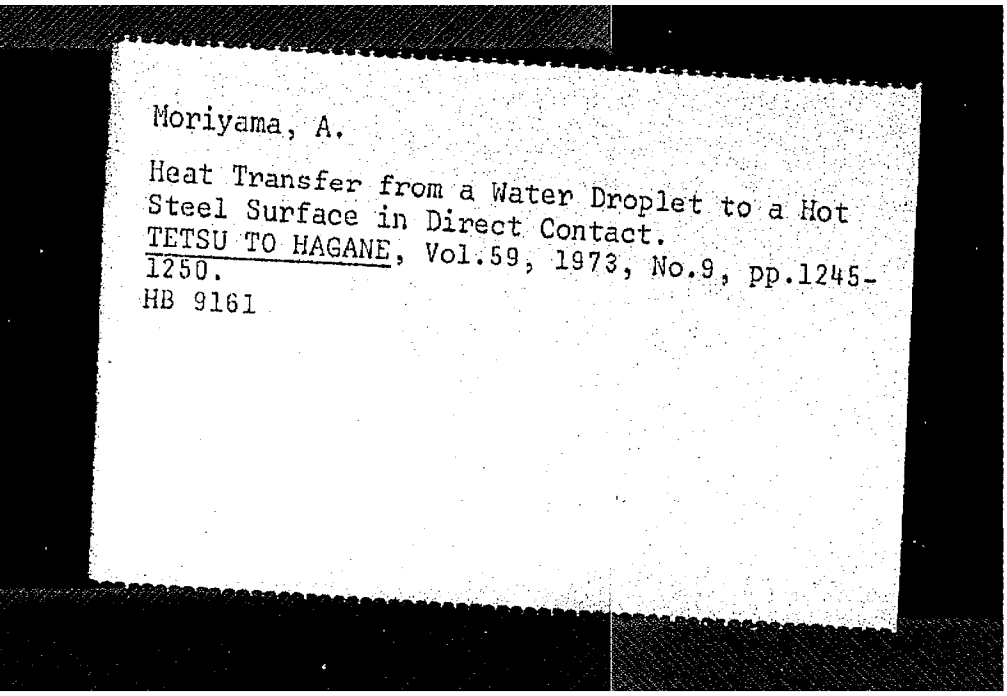

Moriyama, A.

Heat Transfer from a Water Droplet to a Hot Steel Surface in Direct Contact.
TETSU TO HAGANE, Vol.59, 1973, No.9, pp.1245-1250.
HB 9161

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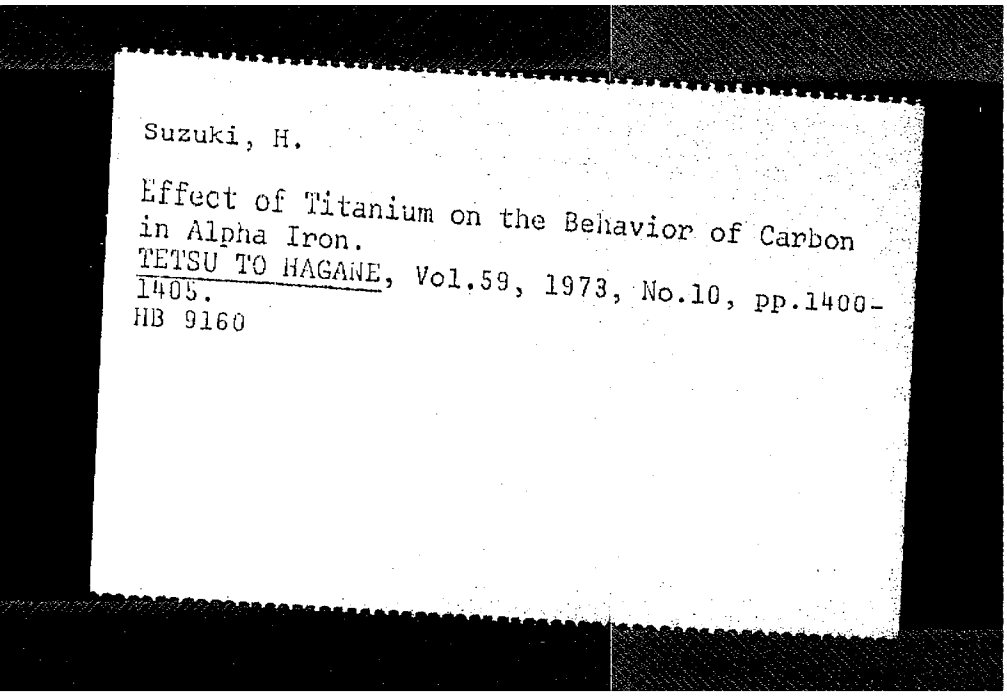

Suzuki, H.

Effect of Titanium on the Behavior of Carbon in Alpha Iron.
TETSU TO HAGANE, Vol.59, 1973, No.10, pp.1400-1405.
HB 9160

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TAKAISHI, S.
//TEISU TO HAGANE//
--/--/1973,V0050,I0011,
Solidification of Steel Slabs in Continuous Casting,
Parts I and II,
pp 8376-8377,IB 0028CC

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Yamagishi, H. et al

The Alloy Layer on Aluminized Steel Produced by High-Temperature Heating.
TETSU TO GAGANE, Vol.59, 1973, No.11, Lec.272, p.S548.
HB 9255

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Niimi, Y.

Determination of Columbium Carbonitride in High-Strength Steel.
TETSU TO HAGANE, Vol.59, 1973, No.11, Lec.351 p.S628.
HB 9261

APPROVED FOR RELEASE: Thursday, September 04, 2003 CIA-RDP91-00403R000200230012-7

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Ito, K. et al

Measurements of Strain-Produced Martensite by Use of a Vibrating Magnetometer.
TETSU TO HAGANE, Vol.59, 1973, No.11, Lec.392, p.S669.
HB 9254

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Kawai, N. et al

Heat Treatment of Nitrogen-Alloyed High-Speed Steels Produced by Powder Metallurgy.
TETSU TO HAGANE, Vol.59, 1973, No.11, Lec.401, p.S678.
HB 9253

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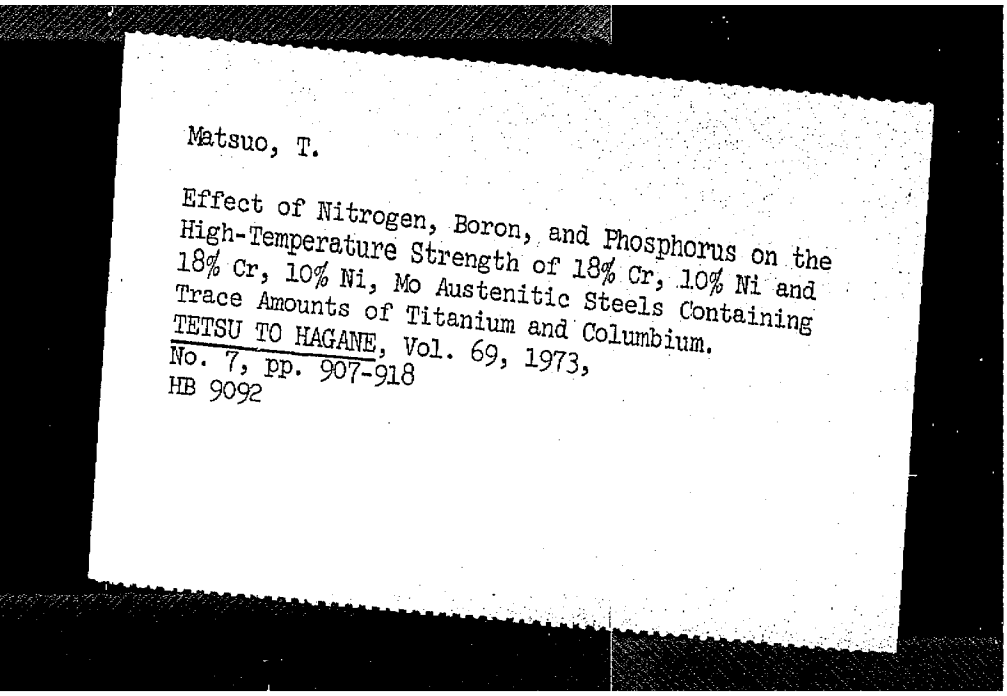

Matsuo, T.

Effect of Nitrogen, Boron, and Phosphorus on the High-Temperature Strength of 18% Cr, 10% Ni and 18% Cr, 10% Ni, Mo Austenitic Steels Containing Trace Amounts of Titanium and Columbium.
TETSU TO HAGANE, Vol. 69, 1973,
No. 7, pp. 907-918
HB 9092

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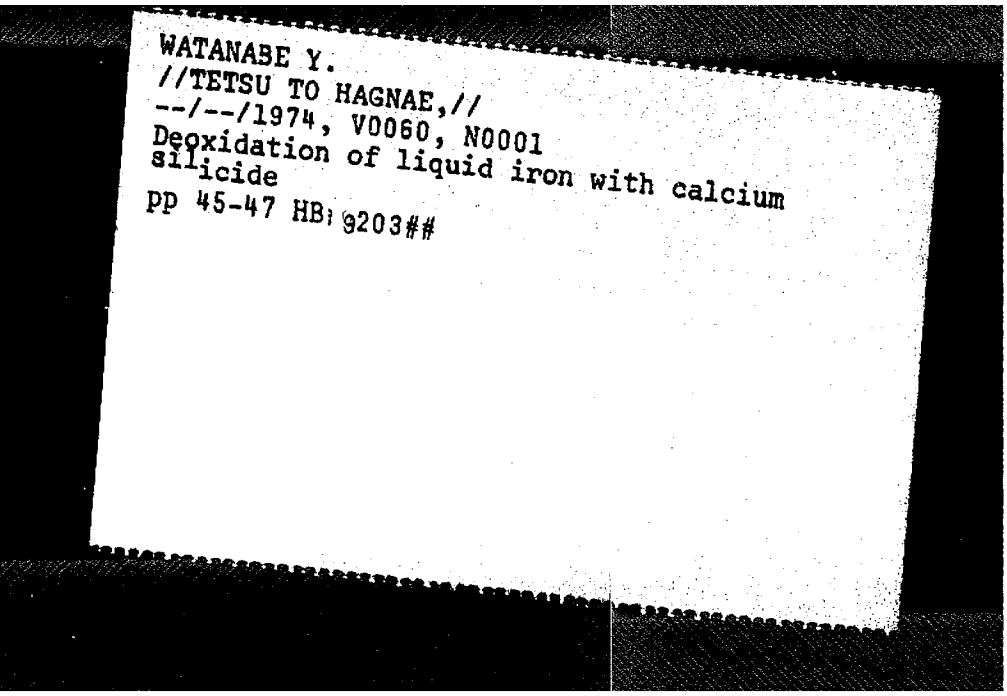

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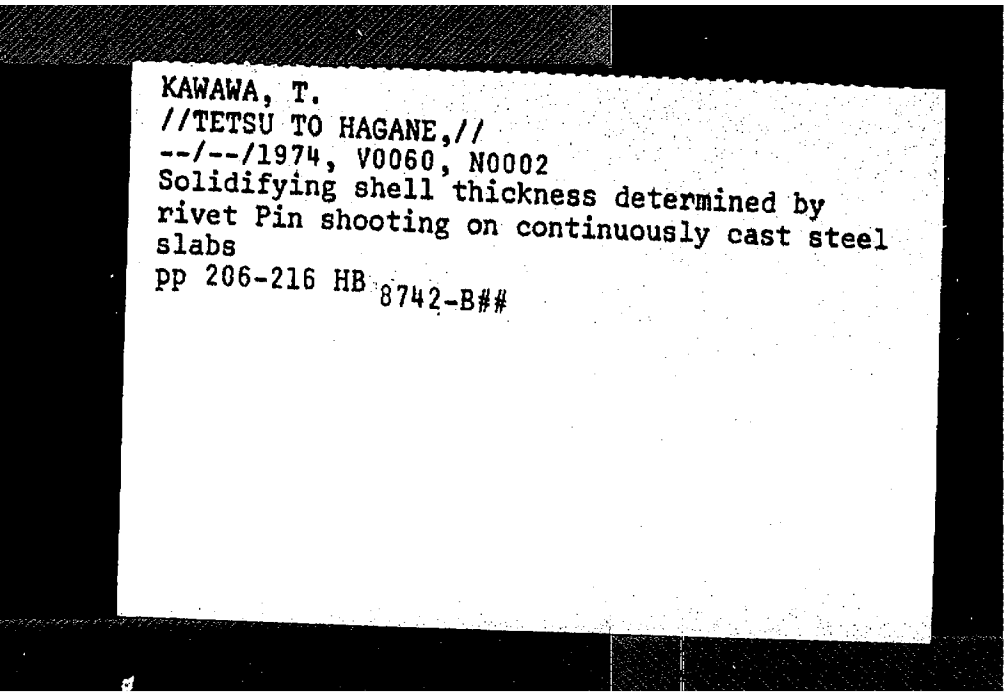

KAWAWA, T.
//TETSU TO HAGANE,//
--/--/1974, V0060, N0002
Solidifying shell thickness determined by rivet Pin shooting on continuously cast steel slabs
pp 206-216 HB 8742-B##

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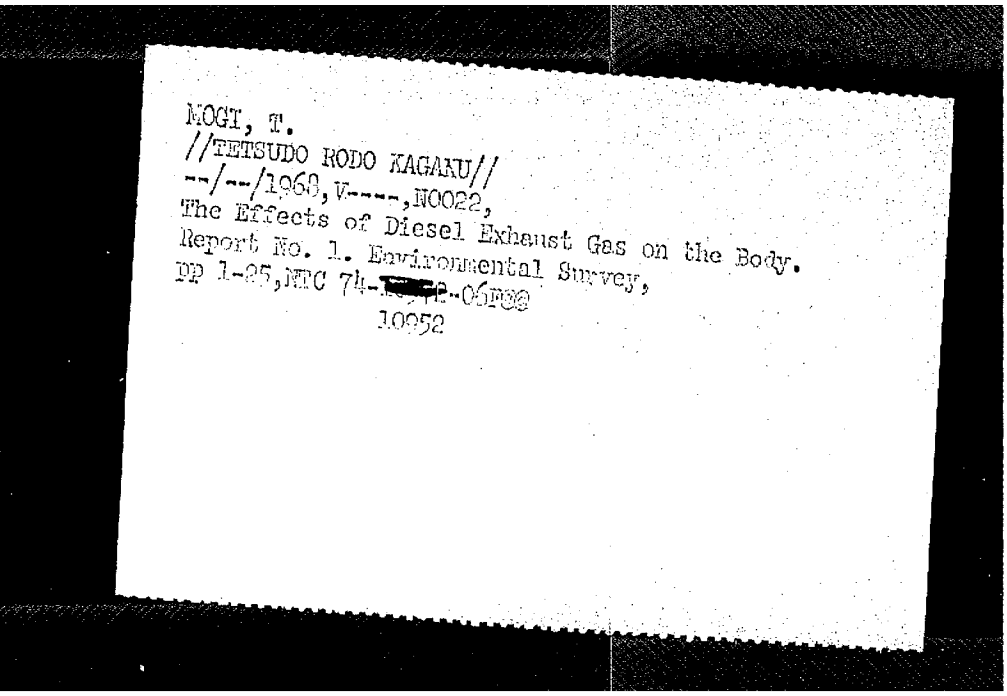

MOGI, T.
//TETSUDO RODO KAGAKU//
--/--/1968,V----,NO022,
The Effects of Diesel Exhaust Gas on the Body.
Report No. 1. Environmental Survey,
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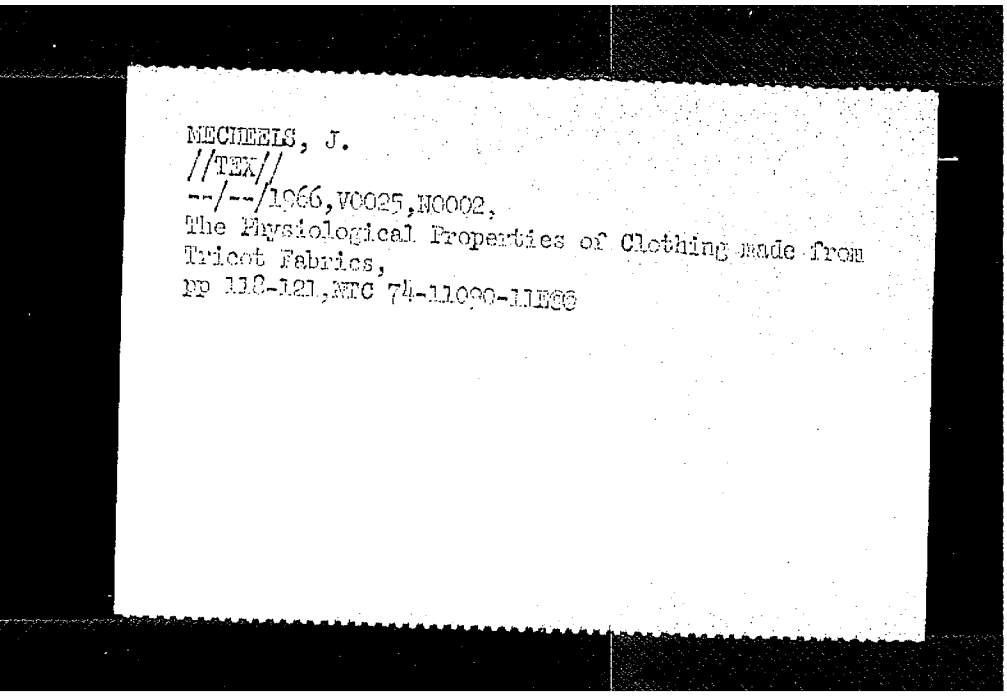

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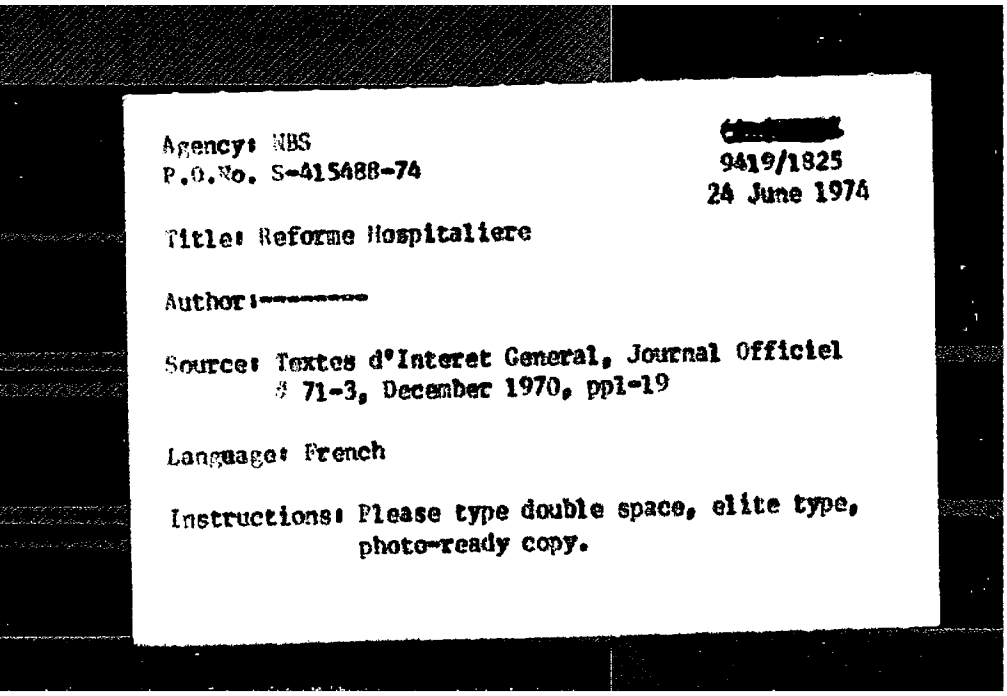

Agency: NBS
P.O.No. S-415488-74

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9419/1825
24 June 1974

Title: Reforme Hospitaliere

Author: ---------

Source: Textes d'Interet General, Journal Officiel
71-3, December 1970, ppl-19

Language: French

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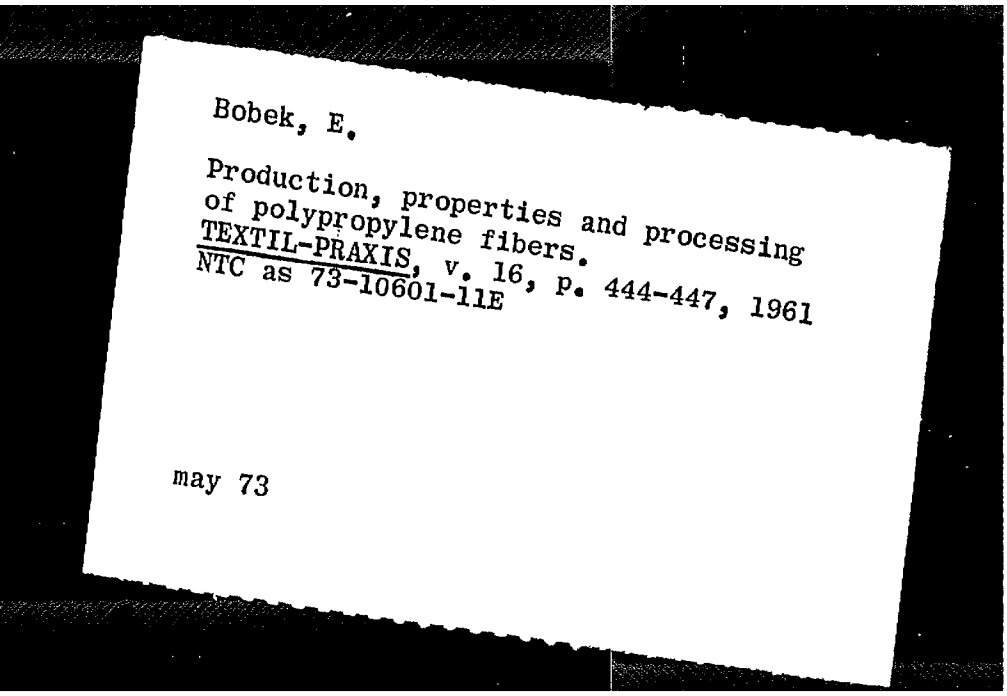

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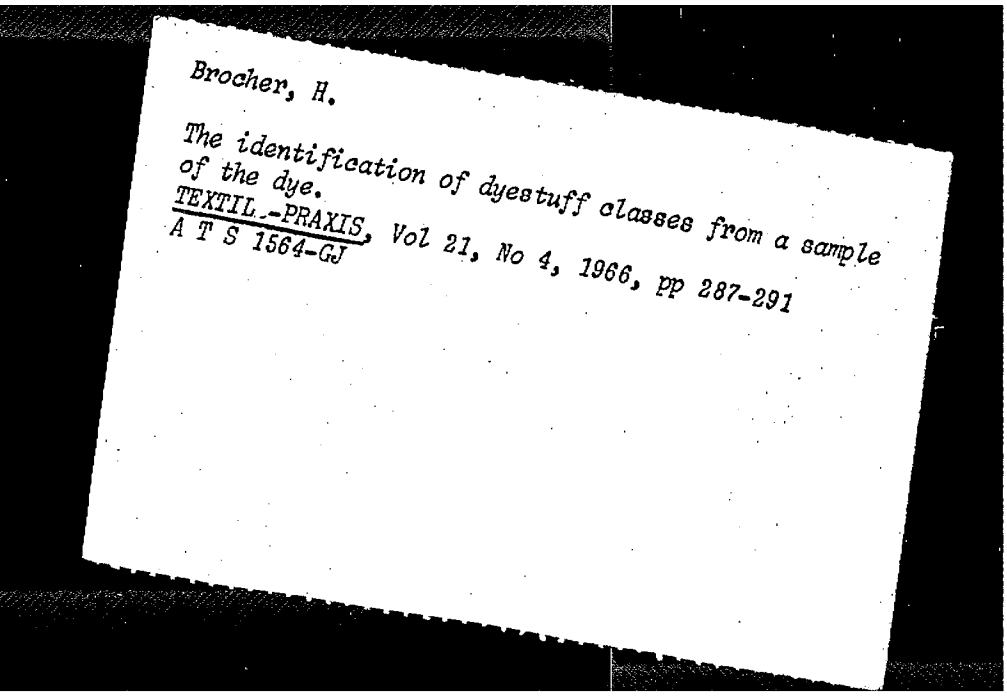

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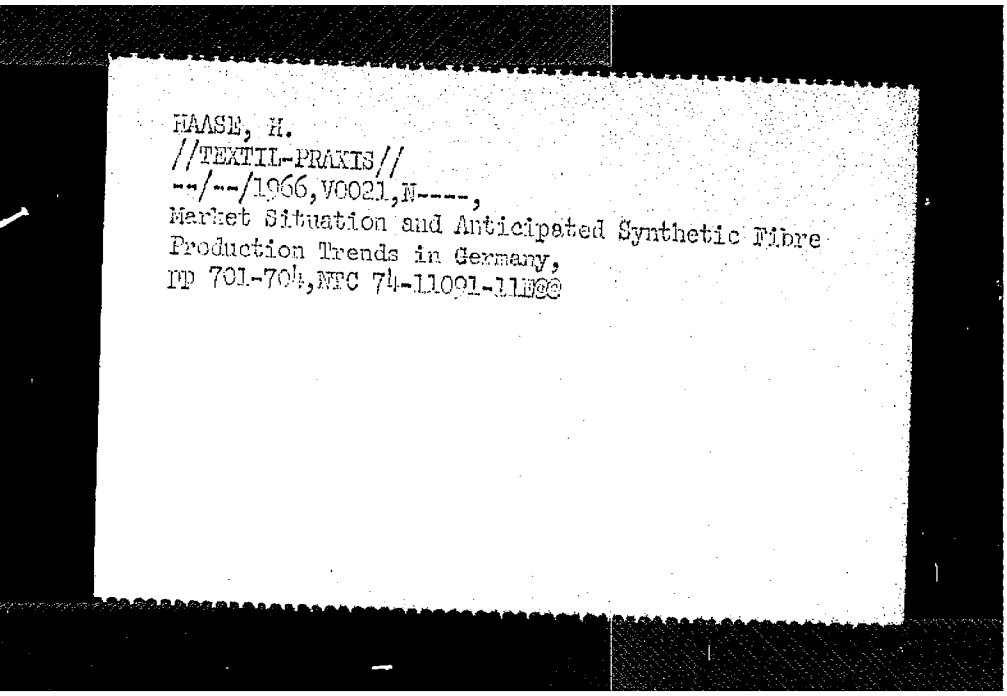

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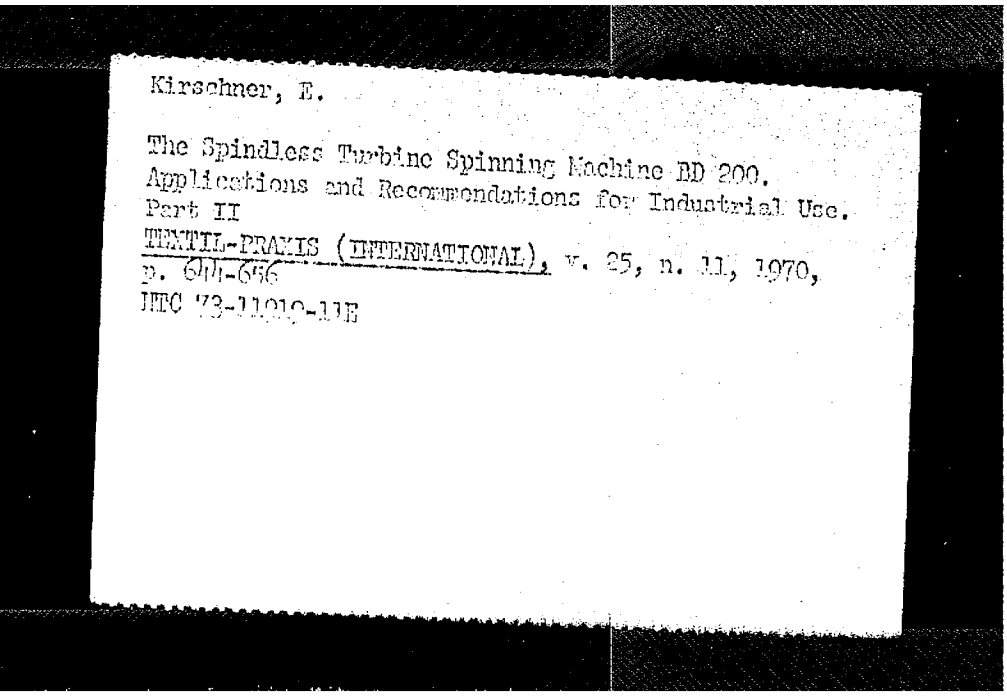

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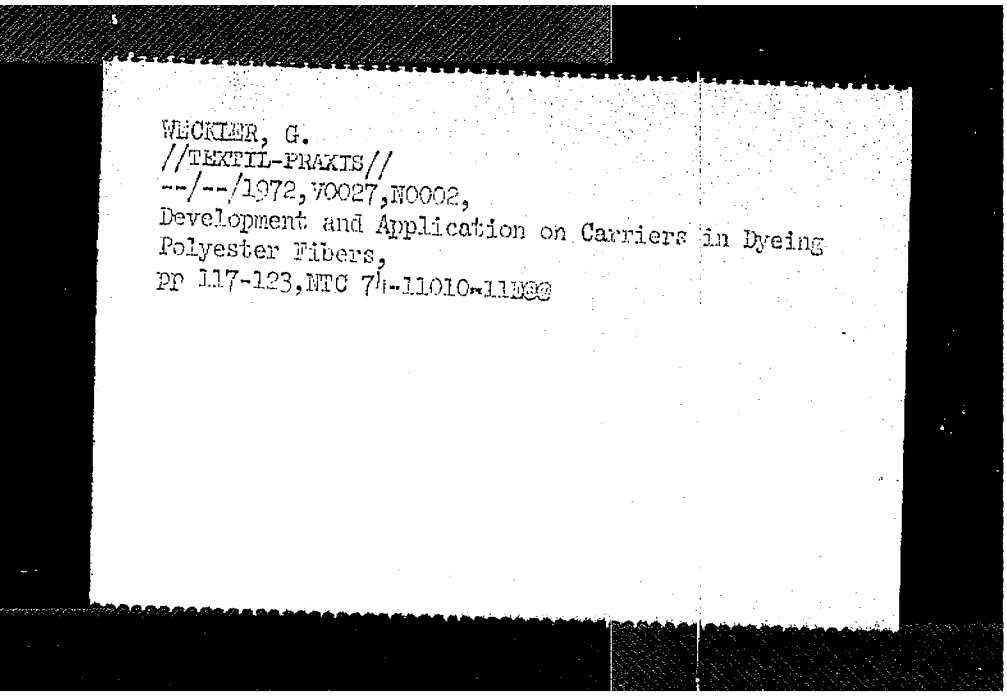

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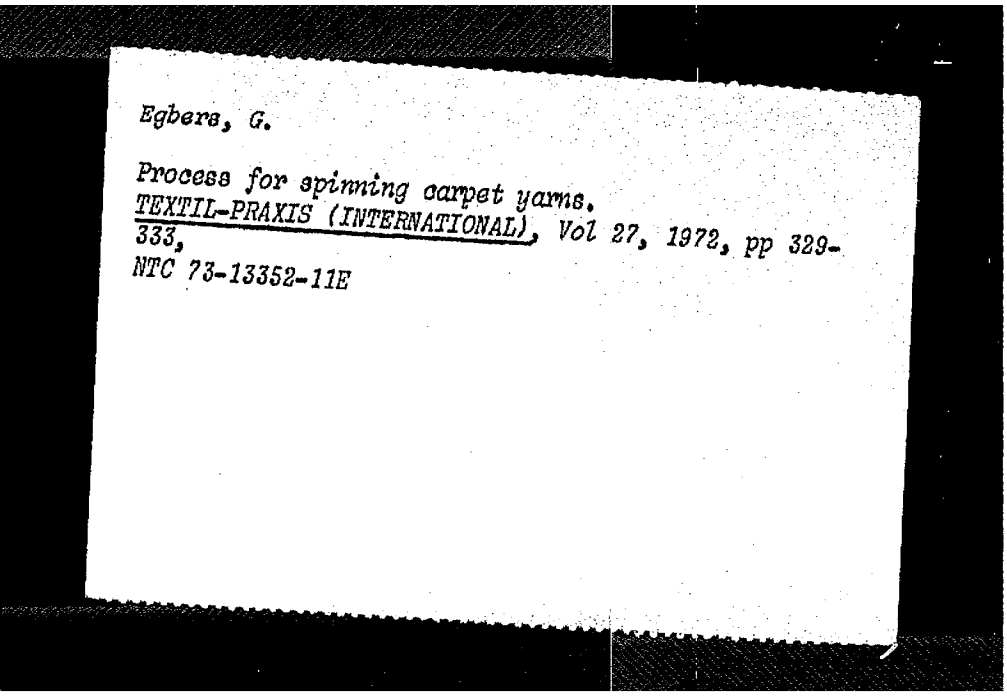

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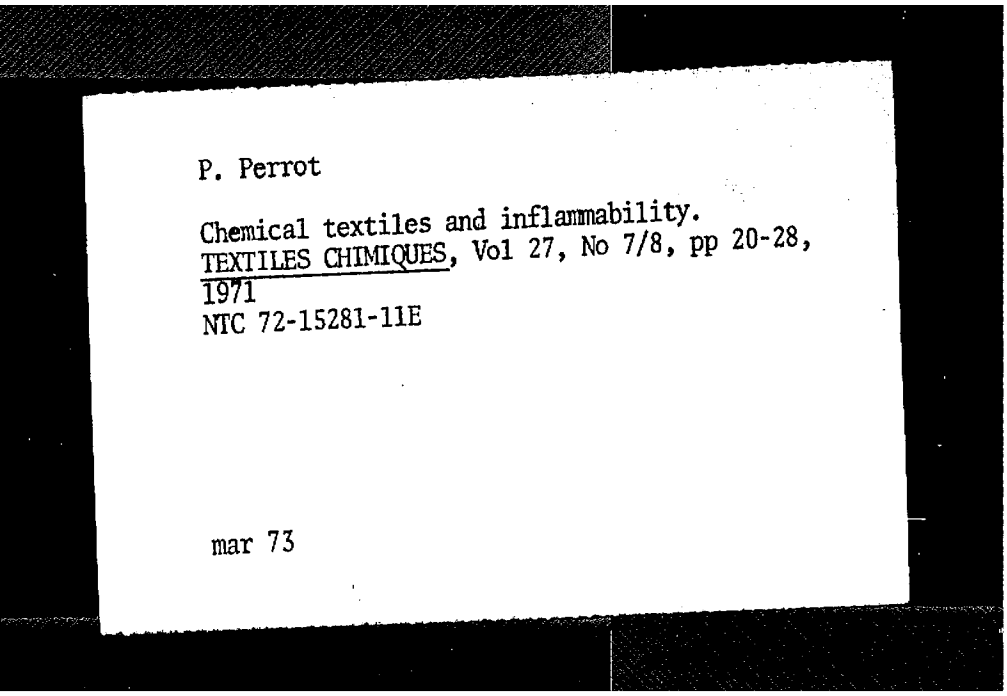

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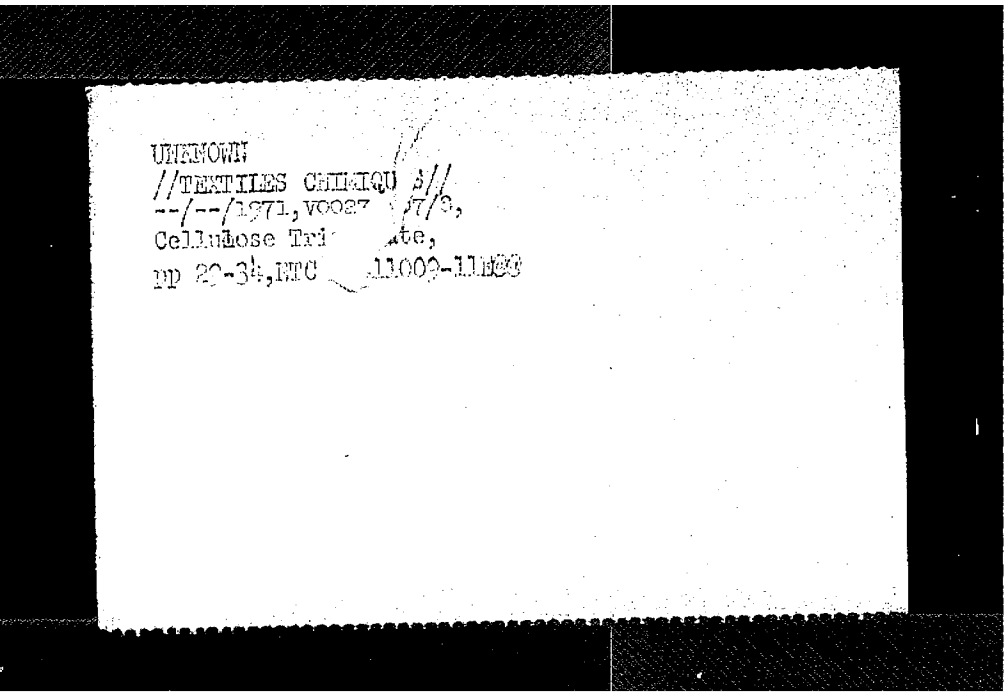

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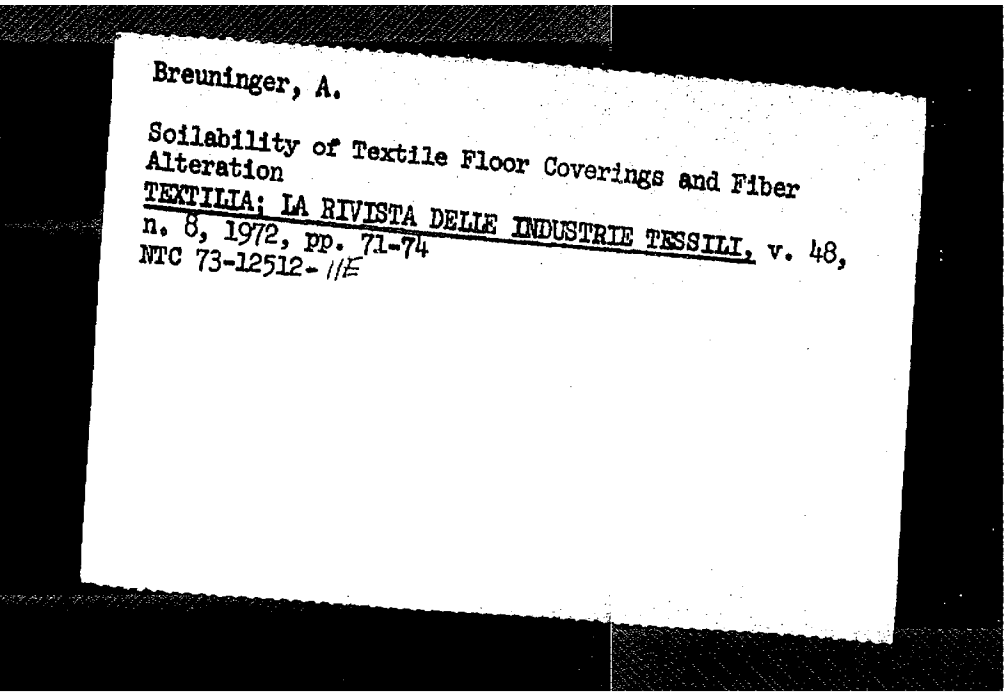

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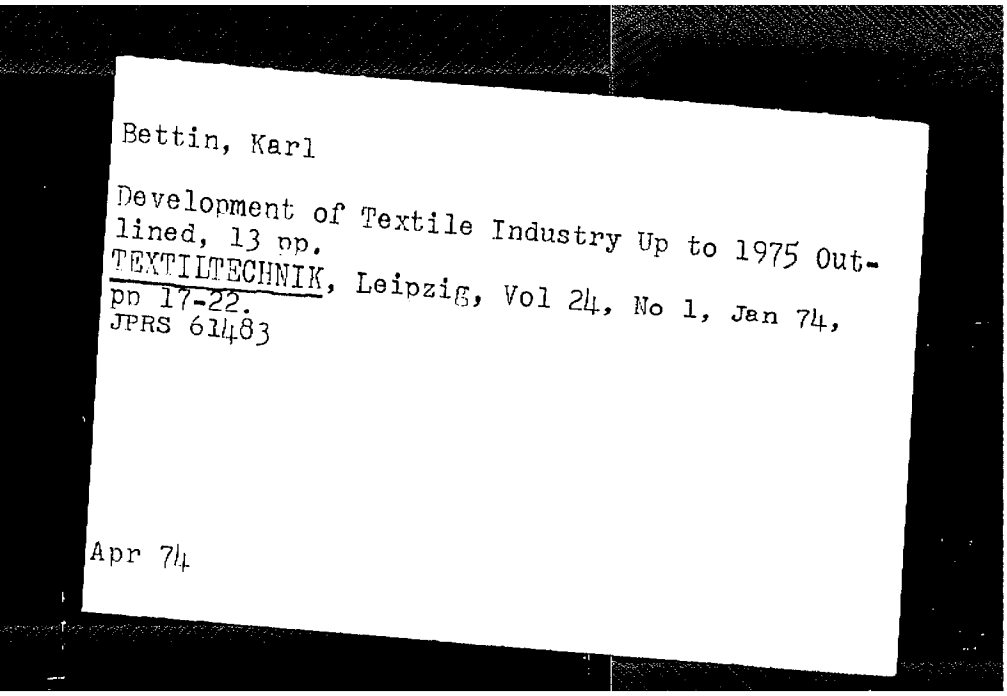

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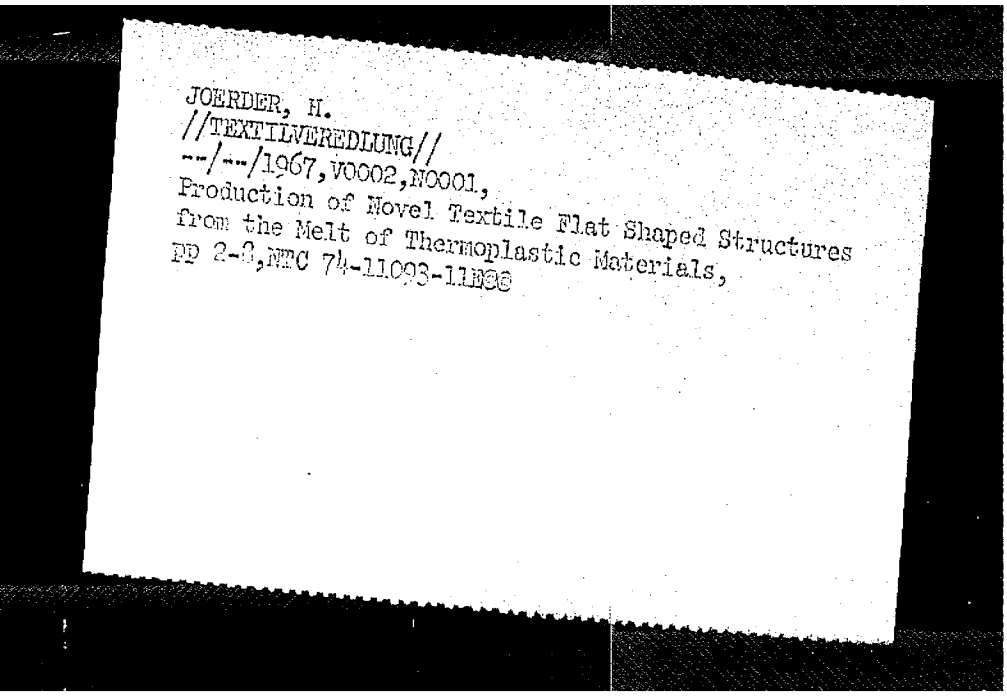

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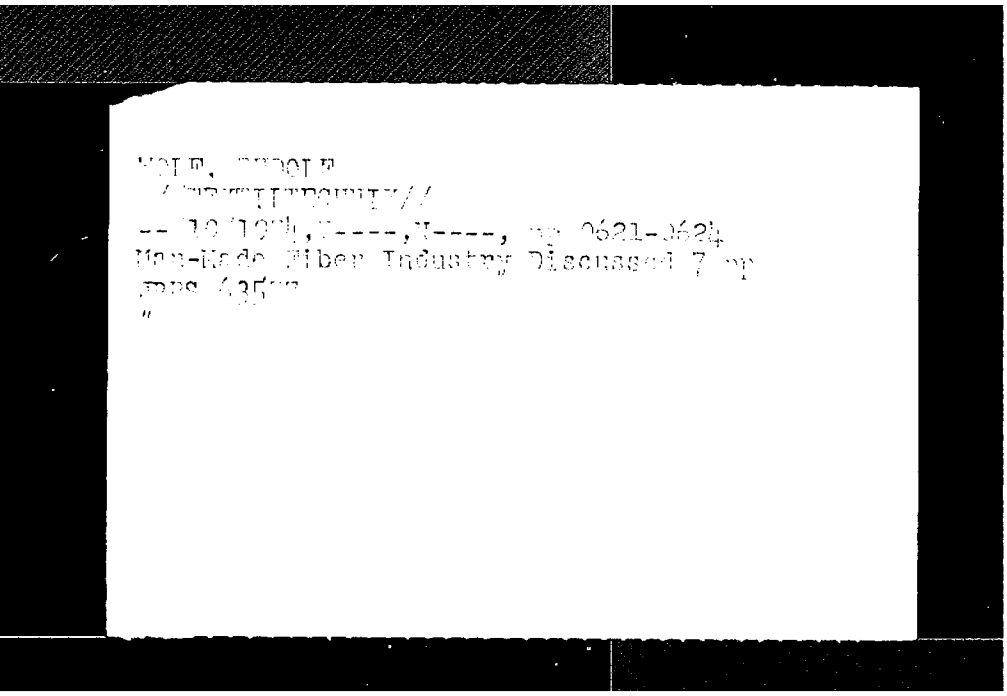

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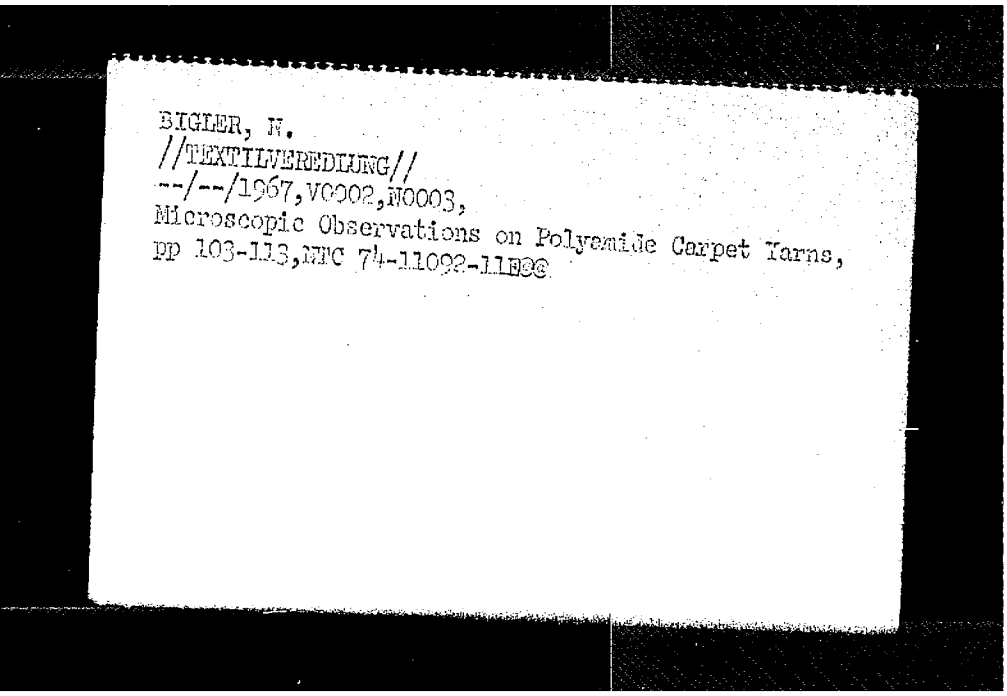

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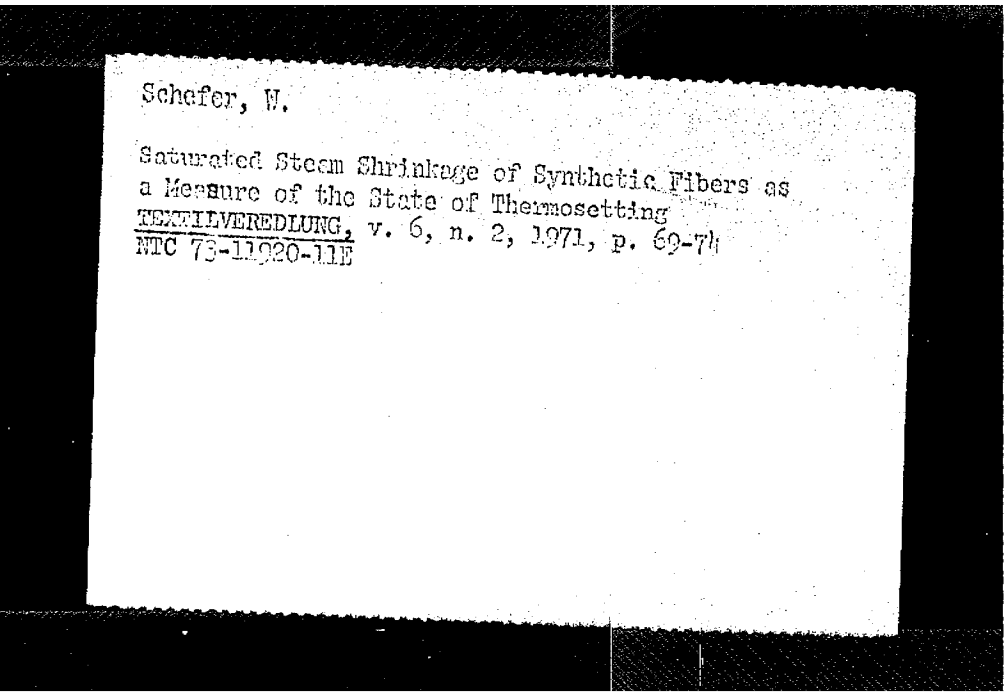

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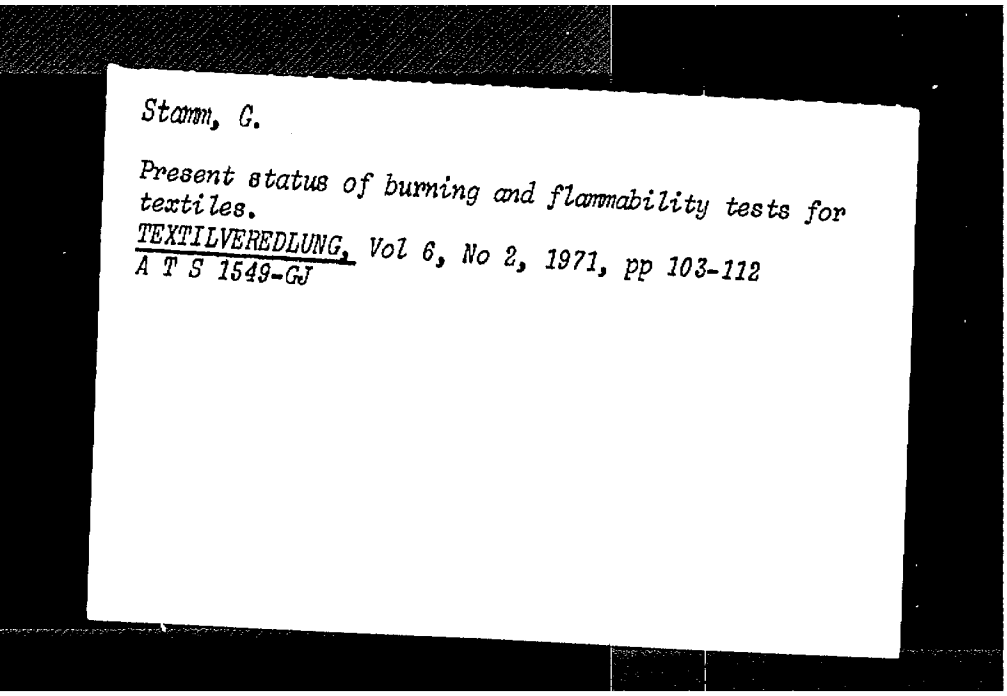

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